32. Reflectance

Table Name	Column Name	Column Comment
Leg	Leg	
	description_of_area	General description of the area where the sites are located
	objective	General objectives and accomplishments of leg
	ops_area	Operating area for leg
	total_miles_transited	Total miles transited during leg
	total_miles_surveyed	Total miles surveyed during leg
	average_speed_transit	Average transit speed for cruise
	average_speed_survey	Average speed during suverys done on leg
	reentry_count	Number of hole reentries performed during Leg
	datetime	Generic date/time. Often used for keys when multiple comments, etc can be entered.
Physical_Properties_Standard	standard_id	identifier for a physical properties standard
	standard_name	Name of a physical properties standard
	standard_set_name	The name for a set of physical properties standards
	date_time_commissioned	The date that a physical properties standard went into use
	date_time_decommissioned	The date that a physical properties standard discontinues being used.
	lot_serial_number	Information concerning the lot and/or serial number associated with a physical properties standard
	comments	General comments
Physical_Properties_Std_Data	standard_id	identifier for a physical properties standard
	property_name	A property associated with a physical properties standard, for example "material" or "density".
	property_description	A description of a property associated with a physical properties sample.
	property_value	The value of a property associated with a physical properties standard
	property_units	The units associated with a property for a physical properties sample
RSC_Calib	rsc_calib_date_time	the time of the calibration run
	rsc_comment	
	rsc_illumination_condition	predefined conditions of the measurement such as A, C, D50 or D65
	rsc_num_meas	number of measurements included in the average. Usually multiple measurements are taken at each position, and these measurements are averaged.
	rsc_observer_angle	the angle of illumination at which the specimen is observed, in degrees.
	rsc_reflectance_corr	this is a correction used to calculate data for the specular component excluded (SCI) data from the specular component included (SCI) data.
	rsc_specular_status	This defines if the sample is analyzed as specular component excluded (SCE) or specular component included (SCI).
	rsc_zero_calib_flag	indicator that zero calibrated (=1)
	system_id	identifier for a system of equipment on the ship
RSC_Ctrl	standard_id	identifier for a physical properties standard
	leg	
	rsc_run_num	number assigned to the rsc run

RSC_Run	leg	
	rsc_run_num	number assigned to the rsc run
	rsc_num_meas	number of measurements included in the average. Usually multiple measurements are taken at each position, and these measurements are averaged.
	rsc_run_date_time	time of the rsc run
	rsc_calib_date_time	the time of the calibration run
RSC_Run_Data	leg	
	rsc_run_num	number assigned to the rsc run
	top_interval	
	bottom_interval	Distance in meters from the top of the section to the bottom of the sample. The value is stored in the database as meters, but usually appears in the Janus application as centimeters.
	rsc_cielab_l_star	the lightness variable in the CIELAB system color notation (method based on CIE COLORIMETRY, Second edition, Publication 15.2 (1986))
	rsc_cielab_a_star	a chromaticity coordinate in the CIELAB system color notation
	rsc_cielab_b_star	
	rsc_height	distance between surface of material and spectral photometer (in millimeters).
	rsc_height_assumed_flag	
	rsc_munsell_hvc	Munsell HVC color notation (ASTM D 1525-1980, Standard Method of Specifying Color by the Munsell System).
	rsc_tristimulus_x	the value measured by the camera in the x direction of the color sphere coordinates.
	rsc_tristimulus_y	the value measured by the camera in the y direction of the color sphere coordinate.
	rsc_tristimulus_z	the value measured by the camera in the z direciton of the color sphere coordinate.
	rsc_first_channel	The first channel or wavelength measured for a color reflectance measurement, in nanometers.
	rsc_last_channel	The last channel, or wavelength, measured for a color reflectance measurement, in nanometers.
	rsc_channel_increment	The increment between measured wavelengths for a color reflectance measurement, in nanometers.
	rsc_spectra	The spectral results for a color reflectance measurement stored in a single comma or whitespace delimited string.
RSC_Section	section_id	
	leg	
	rsc_run_num	number assigned to the rsc run
Section	section_id	
	section_number	Section number. If n regular sections then core catcher is section n+1
	section_type	Used to differentiate sections of core (S)from core catchers (C). Previously core catchers were stored as section number CC, but in Janus core catchers are given the next sequential number from the last section recovered.
	curated_length	The length of the nth core section in cm sent to the repository. This may be different than the liner length for the same section. Hard rock cores will often have spacers added to prevent rock pieces from damaging each other.
	liner_length	The length in cm to which the liner of the nth core section is cut.

		core_catcher_stored_in	Sometimes the core catcher is stored in a D tube with a section. core_catcher_stored_in contains the section number of the D tube that holds the core catcher.
		section_comments	Comments on this section
		leg	
		site	
		hole	Letter identifying the hole at a site from which a core was retrieved or data was collected. Defaults.hole is the current hole for the ship-based version of the Janus app. and will populate the hole field when screens are initialized.
		core	Sequential numbers identifying the cores retrieved from a particular hole. Cores are generally 9.5 meters in length, and are numbered serially from the top of the hole downward.
		core_type	A letter code identifying the drill bit/coring method used to retrieve the core. The coretype is only reported in the post-leg113 processed data file.