

Columns		
Table Name	Column Name	Column Comment
AVS_Raw_Data	avs_id	Oracle generated sequence identifier for AVS measurements
	pp_top_interval	the distance from the top of the section to the top of the measurement, in m.
	avs_record_number	Counter used to uniquely identify a strain-torque pair for avs raw data. The counter is needed because neither torque or strain is unique, the encoders used have precision to .000 and are very fast, duplicates can occur
	torque_angle	the torque angle for an AVS measurement, in degrees
	strain_angle	the strain angle for an AVS measurement, in degrees
AVS_Section	avs_id	Oracle generated sequence identifier for AVS measurements
	section_id	Unique number generated by system to identify section. This is done because of the physical subsection/0 section problems. In adding new sections, deleting sections or changing sections don't want to have to ripple up
	run_num	run number associated with a data analysis run.
	run_date_time	the date and time of a run
	system_id	identifier for a system of equipment on the ship
	spring_calibration_id	Oracle generated sequence number given to a spring calibration via spring_name and spring_date_time.
	vane_calibration_id	Oracle generated sequence number given to a vane calibration via vane_name and vane_date_time.
	direction	direction of measurement relative to a section of core, x, y, or z. X is into the working half.
	rotation_rate	the rate of rotation of a vane in degrees per minute for a Vane Shear analysis.
	raw_data_collected	yes or no if raw data was collected in association with measurement results for an instrument.
AVS_Section_Data	avs_id	Oracle generated sequence identifier for AVS measurements
	pp_top_interval	the distance from the top of the section to the top of the measurement, in m.
	pp_bottom_interval	the distance from the top of a section to the bottom of a measurement, in m.
	max_torque_angle	The maximum torque angle that is achieved before shearing occurs in the sediment while performing a Vane Shear measurement.
	residual_torque_angle	the residual strength of the sediment after shearing has occurred for a Vane Shear measurement.
	avs_strength	added July 5, 2002 to be able to migrate avs data where calibration info is not available
	residual_strength	
AVS_Spring_Calibration	spring_calibration_id	Oracle generated sequence number given to a spring calibration via spring_name and spring_date_time.
	calibration_date_time	Time stamp identifying when calibration was done - supplied by instrument data files
	spring_id	identification for a unique spring used in vane shear analysis
	spring_constant_m1	The slope of the linear regression when calibrating a spring used for AVS analyses, in degrees/kg-cm.
	spring_m0	The intercept of the linear regression when calibrating a spring used for AVS analyses, in degrees.
	spring_mse	The mean squared error calculated when calibrating a spring for the Vane Shear.

	comments	General comments
AVS_Spring_Calibration_Data	spring_calibration_id	Oracle generated sequence number given to a spring calibration via spring_name and spring_date_time.
	torque_angle	the torque angle for an AVS measurement, in degrees
	pp_torque	torque associated with a spring in kg-cm.
AVS_Vane_Calibration	vane_calibration_id	Oracle generated sequence number given to a vane calibration via vane_name and vane_date_time.
	calibration_date_time	Time stamp identifying when calibration was done - supplied by instrument data files
	vane_id	name associated with a particular vane shear vane.
	vane_constant	the area of surface of a cylinder (the shear plane) that a vane creates as it rotates during a vane shear measurement.
	diameter_mean	mean diameter of a vane shear vane, in mm
	diameter_sd	The standard deviation of the diameter of a vane shear vane, in mm
	number_of_dia_meas	the number of diameter measurements taken of a vane shear vane
	height_mean	the mean height measured for a vane used for Vane Shear analysis, in mm.
	height_sd	The standard deviation of the height measurements made on a vane used for Vane Shear analysis, in mm.
PEN_Sample_Data	number_of_height_meas	the number of measurements made to calibrate a vane shear vane.
	comments	General comments
	pen_id	Oracle generated sequence identifier for penetrometer measurements.
	pp_top_interval	the distance from the top of the section to the top of the measurement, in m.
	measurement_no	The number of the measurement taken, used to differentiate multiple measurements taken at the same interval
	pp_bottom_interval	the distance from the top of a section to the bottom of a measurement, in m.
	strength_reading	the value of the strength reading, no units given
PEN_Section_Data	comments	General comments
	pen_id	Oracle generated sequence identifier for penetrometer measurements.
	section_id	Unique number generated by system to identify section. This is done because of the physical subsection/0 section problems. In adding new sections, deleting sections or changing sections don't want to have to ripple up
	sys_id	identifier for the system used, =PEN for current penetrometer, TOR for torvane
	run_date_time	the date and time of a run
	direction	direction of measurement relative to a section of core, x, y, or z. X is into the working half.
	core_temperature	temperature of the core in degrees celsius
	adapter_used	The adaptor used for Penetrometer measurements in the physical properties laboratory.
	comments	General comments
	Section	section_id
leg		Number identifying the cruise for which data was entered into the database. Defaults.leg is the current leg for the ship-based version of the Janus application, this value populates the read-only Leg field during the in

	site	Number identifying the site from which the core was retrieved. A site is the position of a beacon around which holes are drilled. Defaults.site is the current site for the ship-based version of the Janus app. and will p
	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 a
	Core	Sequential numbers identifying the cores retrived 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.
	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 recovere
	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
	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
TOR_Sample_Data	tor_id	machine generated sequence identifier for torvane shear strength mesurements
	pp_top_interval	the distance from the top of the section to the top of the measurement, in m.
	measurement_no	The number of the measurement taken, used to differentiate multiple measurements taken at the same interval
	pp_bottom_interval	the distance from the top of a section to the bottom of a measurement, in m.
	strength_reading	the value of the strength reading, no units given
	comments	General comments
TOR_Section_Data	tor_id	machine generated sequence identifier for torvane shear strength mesurements
	section_id	Unique number generated by system to identify section. This is done because of the physical subsection/0 section problems. In adding new sections, deleting sections or changing sections don't want to have to ripple up
	sys_id	identifier for the system used, =PEN for current penetrometer, TOR for torvane
	run_date_time	the date and time of a run
	direction	direction of measurement relative to a section of core, x, y, or z. X is into the working half.
	core_temperature	temperature of the core in degrees celsius
	RANGE	range of torvane - 200, 1000 or 2000 in g/cm^2
	comments	General comments