

DATA_ASSESSMENT_CODES

CODE	CODE_TYPE	CODE_DESCRIPTION	D_ADDED	TRANS_ID	D_MODIFIED
?	DATA_ASSESSMENT	Other, defined in COMMENTS column	00:00:00	500	NULL
BH-CONT	DATA_ASSESSMENT	Result may be biased high due to contamination of the sample from the field or laboratory.	00:00:00	500	NULL
BH-CONT, NOVAL	DATA_ASSESSMENT	Result may be biased high due to contamination of the sample from the field or laboratory; Validation requested but qualifier not provided due to missing Form I	00:00:00	500	NULL
BH-ER	DATA_ASSESSMENT	Result may be biased high; chemical detected in associated equipment rinseate	00:00:00	500	NULL
BH-FB	DATA_ASSESSMENT	Result may be biased high; chemical detected in associated field blank	00:00:00	500	NULL
BH-FB BH-RI	DATA_ASSESSMENT	Result may be biased high; chemical detected in associated field blank and Result may be biased high, chemical detected in associated equipment rinseate.	00:00:00	500	NULL
BH-FB BH-TB	DATA_ASSESSMENT	Result may be biased high; chemical detected in associated field blank and result may be biased high; chemical detected in associated trip blank.	00:00:00	500	NULL
BH-FB, ?	DATA_ASSESSMENT	Result may be biased high; chemical detected in associated field blank & Other, defined in COMMENTS column.	00:00:00	500	NULL
BH-FB,&	DATA_ASSESSMENT	Result may be biased high; chemical detected in associated field blank. See comments for additional assessment qualifiers	00:00:00	500	NULL
BH-LAB	DATA_ASSESSMENT	Result may be biased high; compound is a known or probable lab contaminant	00:00:00	500	NULL
BH-LAB R	DATA_ASSESSMENT	Result may be biased high; compound is a known or probable lab contaminant; Result unusable.	00:00:00	500	NULL
BH-LABPR	DATA_ASSESSMENT	Result biased high due to laboratory process	00:00:00	500	NULL
BH-PURGE	DATA_ASSESSMENT	Result may be biased high; sample may be diluted with drilling fluid due to insufficient purging prior to sampling	00:00:00	500	NULL
BH-QC	DATA_ASSESSMENT	Result may be biased high based upon lab QC (i.e. surrogate, MS/MSD, etc.)	00:00:00	500	NULL
BH-RB	DATA_ASSESSMENT	Result may be biased high; chemical detected in associated refrigerator blank	00:00:00	500	NULL
BH-RI	DATA_ASSESSMENT	Result may be biased high, chemical detected in associated equipment rinseate.	00:00:00	500	NULL
BH-RI, BL-T	DATA_ASSESSMENT	Result may be biased high, chemical detected in associated equipment rinseate and Result may be biased low; sample holding time exceeded.	00:00:00	500	NULL
BH-SOLID	DATA_ASSESSMENT	Result biased high due to sample containing a large amount of solids	00:00:00	500	NULL
BH-SS	DATA_ASSESSMENT	Result may be biased high; sample may contain particles of the acetate sampling sleeve	00:00:00	500	NULL
BH-TB	DATA_ASSESSMENT	Result may be biased high, chemical detected in associated trip blank	00:00:00	500	NULL
BH-TB, BL-TEMP	DATA_ASSESSMENT	Result may be biased high, chemical detected in associated trip blank, result biased high due to a temperature exceedance.	00:00:00	500	NULL
BH-TEMP	DATA_ASSESSMENT	Result biased high due to a temperature exceedance.	00:00:00	500	NULL
BL-AIR	DATA_ASSESSMENT	Biased low due to air rotary drilling method.	00:00:00	500	NULL
BL-AIR,&	DATA_ASSESSMENT	Biased low due to air rotary drilling method. See comments for additional assessment qualifiers.	00:00:00	500	NULL
BL-HS	DATA_ASSESSMENT	Biased low due to headspace in sample container	00:00:00	500	NULL
BL-HS, BL-TEMP	DATA_ASSESSMENT	Biased low due to headspace in sample container & result biased low due to a temperature exceedance.	00:00:00	500	NULL
BL-LAB	DATA_ASSESSMENT	Result may be biased low; compound is a known or probable lab contaminant	00:00:00	500	NULL
BL-LABPR	DATA_ASSESSMENT	Result biased low due to laboratory process	00:00:00	500	NULL
BL-PRES	DATA_ASSESSMENT	Result may be biased low due to improper preservative added.	00:00:00	500	NULL
BL-PRES, ?	DATA_ASSESSMENT	Result may be biased low due to improper preservative added., Other defined in COMMENTS column.	00:00:00	500	NULL
BL-PURGE	DATA_ASSESSMENT	Result may be biased low; sample may be diluted with drilling fluid due to insufficient purging prior to sampling	00:00:00	500	NULL
BL-PURGE,&	DATA_ASSESSMENT	Result may be biased low; sample may be diluted with drilling fluid due to insufficient purging prior to sampling. See comments for additional assessment qualifiers	00:00:00	500	NULL
BL-QC	DATA_ASSESSMENT	Result may be biased low based upon lab QC (i.e. surrogate, MS/MSD, etc.)	00:00:00	500	NULL
BL-T	DATA_ASSESSMENT	Result may be biased low; sample holding time exceeded	00:00:00	500	NULL
BL-T, BL-QC	DATA_ASSESSMENT	Result may be biased low; sample holding time exceeded and result may be biased low based upon lab QC (i.e. surrogate, MS/MSD, etc.)	00:00:00	500	NULL
BL-T, J	DATA_ASSESSMENT	Result may be biased low; sample holding time exceeded, estimated	00:00:00	500	NULL
BL-TEMP	DATA_ASSESSMENT	Result biased low due to a temperature exceedance	00:00:00	500	NULL
BL-TEMP, BL-PRES	DATA_ASSESSMENT	Result biased low due to a temperature exceedance, Result may be biased low due to improper preservative added.	00:00:00	500	NULL
BL-TEMP, J	DATA_ASSESSMENT	Result biased low due to a temperature exceedance, estimated.	00:00:00	500	NULL
BL-TEMP, NOVAL	DATA_ASSESSMENT	Result biased low due to a temperature exceedance, Validation requested but qualifier not provided due to missing Form I	00:00:00	500	NULL
BL-TEMP, U	DATA_ASSESSMENT	Result biased low due to a temperature exceedance, not detected.	00:00:00	500	NULL
BL-TEMP, U, BH-QC	DATA_ASSESSMENT	Result biased high due to a temperature exceedance, Not detected, may be biased high based upon lab QC.	00:00:00	500	NULL
CCSEXP	DATA_ASSESSMENT	Continuous Calibration Check Standard Expired	00:00:00	500	NULL
DIL	DATA_ASSESSMENT	Result is obtained from dilution	00:00:00	500	NULL
DIS-EDDF1	DATA_ASSESSMENT	Discrepancies exist between the EDD and the Form 1. Form 1s are generated by instrument software that automatically reports all detected compounds. It is the lab's policy to not report quantities below LCRs within their EDD format. Both sets of data are correct. However, the EDD format data, which feeds OREIS, will be used for reporting.	00:00:00	500	NULL
DR	DATA_ASSESSMENT	Discrepancy between summary data report and raw data.	00:00:00	500	NULL
FDUP-OUT	DATA_ASSESSMENT	Field duplicate exceeds the RPD criterion	00:00:00	500	NULL
ICPTIMS-ER	DATA_ASSESSMENT	ICP-MS and TIMS error for the concentration of Uranium-235 is less than the 285 pCi/g level at one standard deviation.	00:00:00	500	NULL
ICSEXP	DATA_ASSESSMENT	Initial Calibration Standard Expired	00:00:00	500	NULL
IN-LAB	DATA_ASSESSMENT	Result should be considered information only. Compound is a known or probable lab contaminant	00:00:00	500	NULL
IN-LAB,&	DATA_ASSESSMENT	Result should be considered information only. Compound is a known or probable lab contaminant. See comments for additional assessment qualifiers	00:00:00	500	NULL
IN-LABQC	DATA_ASSESSMENT	Result should be considered information only. Quality control requirements of the laboratory method were not met.	00:00:00	500	NULL
IN-METH	DATA_ASSESSMENT	Result should be considered information only. Lab utilized a modified method.	00:00:00	500	NULL
J	DATA_ASSESSMENT	Result estimated	00:00:00	500	NULL
KYRHTAB-50	DATA_ASSESSMENT	Kentucky Radiation Health and Toxic Agents Branch (KYRHTAB) has performed an independent data evaluation (not to be confused with data verification and validation) and the rad error accounts for greater than 50% of the results.	00:00:00	500	00:00:00
KYRHTAB-ER	DATA_ASSESSMENT	Kentucky Radiation Health and Toxic Agents Branch (KYRHTAB) has performed an independent data evaluation (not to be confused with data verification and validation) and the data presents error problems (i.e., no counting uncertainty or zero counting uncertainty).	00:00:00	500	00:00:00
KYRHTAB-LT	DATA_ASSESSMENT	Kentucky Radiation Health and Toxic Agents Branch (KYRHTAB) has performed an independent data evaluation (not to be confused with data verification and validation) and the results are less than (LT) the minimum detectable activity (MDA) or detection limit and should not be plotted.	00:00:00	500	00:00:00
KYRHTAB-NE	DATA_ASSESSMENT	Kentucky Radiation Health and Toxic Agents Branch (KYRHTAB) has performed an independent data evaluation (not to be confused with data verification and validation) and the rad error exhibits a negative value, which is a statistical outlier.	00:00:00	500	NULL
KYRHTAB-OK	DATA_ASSESSMENT	Kentucky Radiation Health and Toxic Agents Branch (KYRHTAB) has performed an independent data evaluation (not to be confused with data verification and validation) and the data is acceptable for use.	00:00:00	500	00:00:00
LAB-PREP	DATA_ASSESSMENT	Prep method used by the lab valid but not proceduralized.	00:00:00	500	NULL
LCSEXP	DATA_ASSESSMENT	LCS Expired	00:00:00	500	NULL
LCSNA	DATA_ASSESSMENT	Laboratory control sample not analyzed.	00:00:00	500	NULL
LCSNI	DATA_ASSESSMENT	LCS Not Independent	00:00:00	500	NULL
MDA-METHOD	DATA_ASSESSMENT	The recalculated MDA is considered a method-wide MDA. Batch specific MDAs were not calculated.	00:00:00	500	NULL
MDA-RECALC	DATA_ASSESSMENT	The original MDA of 21.4 pCi/L was calculated incorrectly and was recalculated during the Field Laboratory evaluation. The recalculated MDA is 24.7 pCi/L.	00:00:00	500	00:00:00
MSMSDEXP	DATA_ASSESSMENT	Matrix Spike/Matrix Spike Duplicate Standard Expired	00:00:00	500	NULL
N/A	DATA_ASSESSMENT	Not Applicable	1/28/1998	1	NULL
NOVAL	DATA_ASSESSMENT	Validation requested but qualifier not provided due to missing Form I	00:00:00	500	NULL
NOVAL-FLAB	DATA_ASSESSMENT	Validation targeted for this project but not required for field laboratory data.	00:00:00	500	NULL
NR	DATA_ASSESSMENT	Assessment question not resolved.	00:00:00	500	NULL
PENP	DATA_ASSESSMENT	PE Sample Not Performed	00:00:00	500	NULL
QUAL	DATA_ASSESSMENT	This data should be considered qualitative due to the sampling process, the variability in the medium sampled or issues with the analytical process.	00:00:00	500	NULL
R	DATA_ASSESSMENT	Result unusable.	00:00:00	500	NULL
R-C	DATA_ASSESSMENT	Result questionable, credibility at issue.	00:00:00	500	NULL
R-C, ?	DATA_ASSESSMENT	Result questionable, credibility at issue, other defined in COMMENTS column	00:00:00	500	NULL
R-C, BH-RI	DATA_ASSESSMENT	Result questionable, credibility at issue. Result may be biased high, chemical detected in associated equipment rinseate.	00:00:00	500	NULL
R-C,&	DATA_ASSESSMENT	Result questionable, credibility at issue. See comments for additional assessment qualifiers	00:00:00	500	NULL
R-DUPVAR	DATA_ASSESSMENT	Result questionable, measured variability of the field duplicate is outside PARCC parameter expectations, therefore population estimates of variability may be off by several orders of magnitude.	00:00:00	500	NULL
R-H	DATA_ASSESSMENT	Result unusable due to historical trending (i.e., outlier).	00:00:00	500	NULL
R-HSS	DATA_ASSESSMENT	Rejected due to high suspended solids content.	00:00:00	500	NULL
R-MTRX	DATA_ASSESSMENT	Result rejected due to matrix interference.	00:00:00	500	NULL
R-NORAD	DATA_ASSESSMENT	Result unusable; Uranium-235 portion of calculation is below reliable detection limits.	00:00:00	500	NULL
R-NORAD,&	DATA_ASSESSMENT	Result unusable; Uranium-235 portion of calculation is below reliable detection limits. See comments for additional assessment qualifiers	00:00:00	500	NULL
R-NTRS	DATA_ASSESSMENT	Result rejected; not a true representative sample	00:00:00	500	NULL
R-NTRSFVW	DATA_ASSESSMENT	Result rejected; not a true representative sample of formation water	00:00:00	500	NULL
R-PRES	DATA_ASSESSMENT	Result rejected due to improper preservative added.	00:00:00	500	NULL
R-RERUN	DATA_ASSESSMENT	Result unusable, results from re-analysis should be used	00:00:00	500	NULL
R-T	DATA_ASSESSMENT	Result rejected due to missed holding time	00:00:00	500	NULL
REM	DATA_ASSESSMENT	Location sampled has been remediated due to a CERCLA or RCRA action and should not be considered representative of current site conditions.	00:00:00	500	NULL
U	DATA_ASSESSMENT	Not detected	00:00:00	500	NULL
U, J	DATA_ASSESSMENT	Not detected and result estimated	00:00:00	500	NULL
U-RAD	DATA_ASSESSMENT	Result considered a non-detect; instrument measurement error is equal to or greater than the reported result	00:00:00	500	NULL
U-RAD,&	DATA_ASSESSMENT	Result considered a non-detect; instrument measurement error is equal to or greater than the reported result, see comments for additional assessment qualifiers	00:00:00	500	NULL
USEC-ASRECD	DATA_ASSESSMENT	The USEC-PGDP lab has historically reported results on an as-received or wet weight basis. This needs to be considered when reviewing the data. Percent Moisture data needs to be taken into account if available.	00:00:00	500	NULL
USECNITRIC-CF	DATA_ASSESSMENT	During the period from May 2004 to September 2009, the USEC-PGDP lab used method RL-7128-NITRIC for isotopic uranium analysis by alpha spec. Method RL-7128-NITRIC utilizes only nitric acid for dissolution rather than hydrofluoric/nitric acid. The use of nitric acid only is a less aggressive dissolution for isotopic uranium analysis by alpha spec. It has been demonstrated that Method RL-7128-NITRIC can only be utilized for isotopic uranium analysis of soil with activity greater than 10 pCi/g due to low recoveries below that level. Therefore, if the data from Method RL-7128-NITRIC will be screened against the background values reported in Background Levels of Selected Radionuclides and Metals in Soils and Geologic Media at the PGDP (1997), the following adjusted background values must be used: U-234: 1.73 pCi/g surface and 1.63 pCi/g subsurface, U-235: 0.10 pCi/g, and U-238: 0.40 pCi/g (Methods for Conducting Risk Assessments and Risk Evaluations at the Paducah Gaseous Diffusion Plant, Appendix E (2009)). Risk assessors may use data from this time period for comparison against other thresholds below 10 pCi/g without adjusting the values as long as the level of uncertainty and its impact on the risk assessment/evaluation are adequately discussed. No additional action is required for comparisons to thresholds above 10 pCi/g.	00:00:00	500	NULL
KYRHB-NA	DATA_ASSESSMENT	Sufficient information not available to conduct independent assessment of data, therefore KYRHB did not assign a DATA_ASSESSMENT qualifier or DETECT qualifier to this record. Independent data evaluation not to be confused with data verification and validation. KYRHB CODES SUPERCEDE KYRHTAB CODES.	6/1/2018	500	1/17/2019
KYRHB-BLK/BR	DATA_ASSESSMENT	The record (row) data in the PEGASIS database is missing field entries. Independent data evaluation not to be confused with data verification and validation. KYRHB CODES SUPERCEDE KYRHTAB CODES.	6/1/2018	500	1/17/2019
KYRHB-R	DATA_ASSESSMENT	The analytical result has been rejected as noted by 'R' codes in the RSLTQUAL, VALIDATION, or DATA_ASSESSMENT fields. Data is not useable as detects or non-detects. Independent data evaluation not to be confused with data verification and validation. KYRHB CODES SUPERCEDE KYRHTAB CODES.	6/1/2018	500	1/17/2019
KYRHB-DL	DATA_ASSESSMENT	KYRHB has performed an independent data assessment and there is no reported detection limit (i.e., no MDC or zero MDC). These cannot be plotted as detect or non-detects. Data is not useable as detects or non-detects and the DETECT column notation is R. Independent data evaluation not to be confused with data verification and validation. KYRHB CODES SUPERCEDE KYRHTAB CODES.	6/1/2018	500	1/17/2019
KYRHB-ER	DATA_ASSESSMENT	KYRHB has performed an independent data assessment and the data present error problems (i.e., no counting uncertainty or zero counting uncertainty). The data cannot be plotted as non-detects. The data is NOT useable and the DETECT column notation is R. Independent data evaluation not to be confused with data verification and validation. KYRHB CODES SUPERCEDE KYRHTAB CODES.	6/1/2018	500	1/17/2019
KYRHB-LTQL	DATA_ASSESSMENT	The analytical result is less than the quantitation level as noted by A or A-containing result qualifiers. The data is useable as a non-detect and the DETECT column notation is ND. Independent data evaluation not to be confused with data verification and validation. KYRHB CODES SUPERCEDE KYRHTAB CODES.	6/1/2018	500	1/17/2019
KYRHB-U*	DATA_ASSESSMENT	KYRHB has performed an independent data assessment and the analyte is not detected. The reported activity is based on a software calculation, not identified peak(s). The data can be plotted as non-detects and the DETECT column notation is ND. (Much of the RHB data that was sent to DOE with U* codes was reported only as U codes. So when the data was looked at independent of the code, the data looked as if it should have been an = (so a detection)). Independent data evaluation not to be confused with data verification and validation. KYRHB CODES SUPERCEDE KYRHTAB CODES.	6/1/2018	500	1/17/2019
KYRHB-LT	DATA_ASSESSMENT	KYRHB has performed an independent data assessment and the results are less than the MDC or detection limit and should not be plotted. If the results are less than the MDC and have acceptable error and MDC, the data can be plotted as non-detects. The data is useable as a non-detect and the DETECT column notation is ND. Independent data evaluation not to be confused with data verification and validation. KYRHB CODES SUPERCEDE KYRHTAB CODES.	6/1/2018	500	1/17/2019
KYRHB-50	DATA_ASSESSMENT	KYRHB has performed an independent data assessment and the radiation counting uncertainty is greater than 50% of the analytical results. The data can be plotted as non-detects. The data is useable and the DETECT column notation is ND. Independent data evaluation not to be confused with data verification and validation. KYRHB CODES SUPERCEDE KYRHTAB CODES.	6/1/2018	500	1/17/2019
KYRHB-OK	DATA_ASSESSMENT	KYRHB has performed an independent data assessment and the data are acceptable for use. Independent data evaluation not to be confused with data verification and validation. KYRHB CODES SUPERCEDE KYRHTAB CODES.	6/1/2018	500	1/17/2019
=		Application in PEGASIS RAD query tbd at a later date			
R-RERUN (example)	=	Red Text = denote reject 'R' qualifiers			