

GY 7 Hydrolithostratigraphic Dbase Activities	
Date	Edit
Oct-Dec-22	Removed old TVAF borings and replaced with entries for tRGA and tMcN from GQ-652 Inset and Tables
	Produced preliminary R-12 tHU6 & tRGA plots
	Produced LIDAR
Jan-March-23	Added dbase columns identifying locations used in R11 surface plots
	Began edits on Primary-Secondary & Graded Materials columns
Apr-23	52 C-400 borings edited where 1st materials interval had '0' instead of '.1' entered in 'From' depth
	Distributed R12 draft Dbase to SS
	Added boring log details for 400-S04-CB22. Loc in tHU6 R11 plot but not in distributed R11 dbase
	Added boring log details for 400-S1A-CB10. Loc in tHU6 R11 plot but not in distributed R11 dbase
	Added boring log details for 400-S1A-CB09. Loc in tHU6 R11 plot but not in distributed R11 dbase
	Added boring log details for 400-S1D-CB11. Loc in tHU6 R11 plot but not in distributed R11 dbase
	Added boring log details for 400-S1D-CB17. Loc in tHU6 R11 plot but not in distributed R11 dbase
	Added boring log details for AH-814.
	Removed PadWest_McN_21. Duplicate loc
	Removed PadWest_McN_23. Duplicate loc
	Added McN Borings PADWest_McN101-107
May-23	Re-plotted tRGA and tHU6 Surfaces to update missing C-400 data points
	Edited Mat'l/Strat column entries for all PadWest data points
	Removed AH-814 as duplicate to JQ-37
	Removed AH-816 as duplicate to JQ-39
	Removed AH-817 as duplicate to JQ-12
	Removed AH-918 as duplicate to JQ-36
	Fixed MW150 Stratigraphy Entries
	Checked all IGS records in dbase to new IGS downloads
	Downloaded IGS logs (@20)
Jun-23	Continued edits on Primary-Secondary & Graded Materials columns
	Calculated bottom and top of RGA in Ohio River bed (based on USACOE bathymetry)
	Plotted McN exposure in Ohio River bed (5' grid)
	Produced GWM_bRGA file reflecting bottom of RGA outcrop in OR bed
	Clipped GWM domain RGA/HU5/isopachs to extent of exposure in Ohio River
Jul-23	Added Primary Material column to dbase (Now 1. Primary Material; 2. Primary - Secondary Material; and 3. Graded Coarse Material columns)
	Installed ArcPro (UK discontinued ARCMAP 10 & 11 support)
	Migrated projects to ArcPro
	July 1 - 3 worked to gain Tool fx in ArcPro
	Generated Surface files for tHU6
	Generated Surface files for tRGA
	Ran Focal Statistics on interim tHU6 and tRGA surfaces
	Imported Plumes comparison page from 2023 GWM Update (Fig. 9)
	Extracted TCE & 99Tc concentration trends from PEGASIS for GWM Model Trend start/end evaluation
	Attempted PEGASIS .shp file downloads - tool failed 3x
	Contacted PGDP about new borings for R-12 (no new)
	Checked RGA plot omissions
	Checked highest & lowest (10 ea.) tRGA location logs
	Compiled local link table for C400 boring logs
	Added local lithlog link to Master Dbase C400 locations
	Reviewed TVAD-14 in AKGWA records and PEGASIS logs
	Added TVAD-14B from AKGWA records
	Added LBC sw and seep locs & Distal NWP monitoring well layers for GWM evaluation
	Added Shishir Sarker corrections to date (7/20) to primary secondary mat'l column
	Added worksheet for primary-secondary materials definitions
	Added worksheet for Graded materials definitions
	Modified primary-secondary materials en masse ~ all records (SS +SH)
	Ran parse checks on primary-secondary material designations
	Modified all graded materials designations (lost to CI entry all records from 18k - 34k)
	Added Primary Material column
	Exported MSTR dbase to txt file to remove cut and paste error based on errant cell fx
	Imported to new file and saved as MSTR
	Chk'd all cells for formulas
	Defined locs by Ablebits match of unique locations
	Fixed TVAD-14B - top elevations errors on intervals
	Created and imported Materials Match sheet for fixing 'CI' entries rows
	Checked SS Mat'l edits thru 7/31/23 (500 entries)
	Corrected (standardized) KGS boring interval t/b entries
	Re-edited Primary-Secondary and Graded Materials columns for ML, CL, NMA, Topsoil
	Edited all monitoring well ground surface data & interval elevations based on completed PGDP MW survey (per Ken Davis)
Sep-23	Continued Graded Classifications for 18k of 34k records
	Completed Graded Classifications for all primary material types(160 def's)
	Completed Graded Classifications for coarse material types only (120 defs)
	Checked Graded Classifications by type
	Compiled Graded Materials definitions all and for coarse material types
	Generated regional surfaces for tHU3/tRGA/tHU5/tHU6/tMcN Fmn
	Ran Focal statistics on all surfaces for print presentation
	Generated gridmath isopachs for HU3, RGA, HU5
	Extracted all surfaces above to GWM domain for presentation
	Edited all surfaces after layouts were printed, checked dbase and re-printed as necessary
	Compiled all surfaces for posting/distribution
	Compiled general tables ID'ing dbase column entries
	Generated final R12 dbase
	Began re-check and re-evaluation of tHU3 based on upward vertical extent of contiguous CL/ML material