

**WATER WELL RECORD (WWC-5)**

KOLAR DOC ID \_\_\_\_\_ WELL ID \_\_\_\_\_  
 Original Record      Correction      Change in Well Use

**LOCATION OF WATER WELL**

Latitude		Longitude		Section		Township		Range		E W	Fraction	¼	¼	¼
Datum		Elevation		County										

**WATER WELL OWNER**

Name	
Business	
Address	
Well location  at owner's address	

**WELL WATER USE**

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**COMPLETION**

Depth of completed well: _____ ft.
Depth(s) groundwater encountered: (1) _____ ft.; (2) _____ ft.; (3) _____ ft.; (4) dry well
Static water level in well: _____ ft. measured below land surface on (mm/dd/yy): _____ measured above land surface on (mm/dd/yy): _____
Estimated yield: _____ gpm
Water level was: _____ ft. after _____ hours pumping _____ gpm
Pump installed?    Yes    No
Water well disinfected?    Yes    No
Date disinfected (mm/dd/yy): _____
Aquifer, if known:

**NEAREST SOURCE OF POTENTIAL CONTAMINATION**

Source: _____
Distance from well: _____      Direction from well: _____
Source description: _____
Source: _____
Distance from well: _____      Direction from well: _____
Source description: _____
No potential source of contamination within 100 feet.

**CONSTRUCTION**

Borehole interval: from _____ to _____ ft.	Borehole diameter: _____ in.
from _____ to _____ ft.	_____ in.
Casing height above land surface: _____ in.	
If casing height is less than 12 in. has a variance been approved? *    Yes    No	
*variance not required for monitoring or environmental remediation wells	
Casing type: _____	
Blank casing interval: _____ ft. to _____ ft.	
Blank casing diameter: _____ in.	
Casing joints: _____	
Weight: _____ lbs/ft.	
Wall thickness or gauge no.: _____	
Blank casing interval: _____ ft. to _____ ft.	
Blank casing diameter: _____ in.	
Casing joints: _____	
Weight: _____ lbs/ft.	
Wall thickness or gauge no.: _____	
Grout interval: _____ ft. to _____ ft.	
Grout material: _____	
Grout interval: _____ ft. to _____ ft.	
Grout material: _____	
Screen / perforation material: _____	
Screen / perforation openings: _____	
Screen / perforation intervals: From _____ ft. to _____ ft.	
Slot size _____ unit _____	
From _____ ft. to _____ ft.	
Slot size _____ unit _____	
Gravel pack intervals: Gravel pack not used:    Gravel size _____ in	
From _____ ft. to _____ ft.	
Gravel pack not used:    Gravel size _____ in	
From _____ ft. to _____ ft.	

**PERMIT & ID NUMBERS (AS REQUIRED)**

DWR Application No.: _____
KDHE / EPA Project Code: _____
Site Name: _____
KDHE UIC Class V Form Completed:    Yes    No
County Permit:    Yes    No    Permit ID: _____
Lease Name & Well #: _____
# of boreholes: _____    # of dewatering wells: _____

**LITHOLOGIC LOG**

FROM	TO	LITHOLOGY INTERVALS

**COMMENTS**

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**CONTRACTOR'S OR LANDOWNERS CERTIFICATION**

This water well was    constructed    reconstructed    pursuant to the stated water well contractor's license and was completed on _____. I certify that this record is true to the best of my knowledge and belief. This water well record was completed on _____ under the business name of _____, Kansas Water Well Contractor's License No. _____ under the authority of the designated person as defined in K.A.R. 28-30-2(j) and signed and certified by the electronic signature of the designated person at its submittal: _____.
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Send one copy to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

<b>HTRW DRILLING LOG</b>		DISTRICT		HOLE NUMBER <b>MCRI-MW20</b>	
1. COMPANY NAME <b>HYDRO GEO LOGIC, INC.</b>		2. DRILL SUBCONTRACTOR <b>ENVIRONMENTAL WORKS</b>		SHEET <b>1</b> OF <b>5</b> SHEETS	
3. PROJECT <b>MATB PHASE I PTFAS RI</b>		4. LOCATION <b>McCOMBELL AFB</b>			
5. NAME OF DRILLER <b>J. NASIA</b>		6. MANUFACTURER'S DESIGNATION OF DRILL <b>LS 250</b>			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT <b>4" COPE DRILL 6" OVERSIDE CASING</b>		8. HOLE LOCATION <b>MCRI-MW20</b>			
		9. SURFACE ELEVATION			
		10. DATE STARTED <b>12/11/22</b>		11. DATE COMPLETED <b>12/21/22</b>	
12. OVERBURDEN THICKNESS <b>40.0</b>		15. DEPTH GROUNDWATER ENCOUNTERED <b>NONE DETECTED ATP</b>			
13. DEPTH DRILLED INTO ROCK <b>0.0</b>		16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED			
14. TOTAL DEPTH OF HOLE <b>40.0</b>		17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)			
18. GEOTECHNICAL SAMPLES		DISTURBED <b>GRAW SFE</b>	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES <b>NA</b>	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC	METALS	OTHER (SPECIFY) <b>PTFAS</b>	OTHER (SPECIFY)
22. DISPOSITION OF HOLE		BACK FILLED	MONITORING WELL <b>X</b>	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR 
21. TOTAL CORE RECOVERY %					
LOCATION SKETCH/COMMENTS				SCALE	
<div style="border: 1px dashed black; width: 100%; height: 100%;"></div>					
PROJECT <b>McCOMBELL AFB PHASE I PTFAS RI</b>				HOLE NO. <b>MCRI-MW20</b>	

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
**MCBI-MW20**

PROJECT  
**MAFB PHASE I PTAS RI**

INSPECTOR  
**K. DUESEN**

SHEET SHEETS  
**2 OF 5**

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	0	STIFF MOIST, LEAN YELLOWISH-RED (Syr 1/6) TO VERY DARK BROWN (Dyr 3/2) GRAYISH					BORING HAND- AUGERED FROM 0.0 TO 5.0 FT
	1	CLAYEY SILT FILL (CL) w/ SOME SAND	66.0				
	2	STIFF, MOIST, LEAN, REDDISH BROWN (Syr 4/4) CLAYEY SILT FILL (CL)	38.6				
	3	w/ SOME BLACK MANGANESE NODULES & REDDISH BROWN IRON OXIDE STAINING	4.5				
	4		4.5				
	5	STIFF, MOIST, MED. PLASTIC, REDDISH BROWN (Syr 4/4) SILTY CLAY FILL (CL-CH)	4.4				
	6		0.3				
	7		0.5				
	8		0.4				
	9	VERY STIFF, MOIST, MED. PLASTIC, SILTY CLAY (CL-CH) w/ CALGAREOUS NODULES & TRACE MANGANESE NODULES	0.8				
	10		0.8				

PROJECT  
**McCONNELL AFB PHASE I PTAS RI**

HOLE NO.  
**MCBI-MW20**

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
MCR1-MW20

PROJECT  
MCR1 PHASE I PFS RI

INSPECTOR  
K. DOEDEN

SHEET  
3 OF 5 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	10	SAME: VERY STIFF, MOIST, HARD PLASTIC, SILTY CLAY (CL-CH)	6.5				
	11	W/ CALCAREOUS NODULES & TRACE BLACK MANGANESE NODULES	5.4				
	12						
	13		5.5				
	14		5.3				
	15	BECOMING DRY W/ ABUNDANT CALCAREOUS NODULES	5.2				
	16		4.7				
	17		1.6				
	18		0.4				
	19	BECOMING DAMP	7.6				
	20		0.1				

PROJECT  
McConnell AFB PHASE I PFS RI

HOLE NO.  
MCR1-MW20

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
MCFI-MW20

PROJECT  
MINES PHASE I PPMAS RI

INSPECTOR  
K. DOLDEN

SHEET SHEETS  
4 OF 5

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	20	VERY STIFF DAMP LEANS, YELLOWISH RED (SYP/SIG) CLAYEY SILT					
	21	CLAYEY SILT w/ SOME FINE SAND	16.0				
	22		4.4				
	23		5.8				
	24	BECOMING FIRM	2.6				INCREASING WATER CONTENT
	25		2.1				
	26		2.9				
	27	BECOMING MED. PLASTIC	3.4				
	28		2.2				
	29		6.3				
	30						

PROJECT  
McCONNELL APIS PHASE I PPMAS RI

HOLE NO.  
MCFI-MW20

# HTRW DRILLING LOG (CONTINUATION SHEET)

HOLE NUMBER  
MCP1-HW20

PROJECT  
MAPB PHASE I PPA5 RI

INSPECTOR  
K. DOODON

SHEET 5 OF 5 SHEETS

ELEV. (a)	DEPTH (b)	DESCRIPTION OF MATERIALS (c)	FIELD SCREENING RESULTS (d)	GEOTECH SAMPLE OR CORE BOX NO. (e)	ANALYTICAL SAMPLE NO. (f)	BLOW COUNT (g)	REMARKS (h)
	30	SAME: FIRM, MOIST, MED PLASTIC, YELLOWISH RED (5 YR 5/6) CLAY					
	31	SILT (ML-NH) w/ SOME FINE SAND	2.8				
	32		10.9				
	33	STIFF, VERY MOIST, MED. PLASTIC, STRONG BROKEN (7.5 YR 4/6) SILTY CLAY (CL-NH)	18.4				
	34	w/ SOME FINE SAND & GRAVEL SIZE CALCAREOUS NODULES	22.5				
	35		27.4				
	36		4.4				
	37		1.7				
	38		1.6				
	39						
	40	BOTTOM OF BORING	15.5				
			22.5				

PROJECT  
McCONNELL ATB PHASE I PPA5 RI

HOLE NO.  
MCP1-HW20