PROJECT:

ROCK CORE LOG

BORING NO.	PROJECT NO. AIMS	LOCATION KRNLS	SHEET 1 OF 8
TIME START	DRILLING CONTRACTOR KGS	DRILLING EQUIPMENT	DATE
TIME STOP	DRILLER Joe, (Comet), Cole	DRILLING METHOD	SAMPLING METHOD
TOTAL DEPTH	BACKFILL MATERIAL	WATER FIRST ENCOUNTERD	FINAL DEPTH TO WATER

DEPTH (FT)	CORE RUN (IN)	RECOV. CORE LENGTH (IN)	TOTAL CORE RECOVERY (%)	SOLID CORE RECOVERY (%)	RQD (%)	FRCT. DENSITY (# PER FT)	PENETRATION RATE (FT/HR)	SMPL. FOR TEST	GRAPHIC LOG	DESCRIPTION/LITHOLOGY/COMMENTS

pull 1 start @ 5'8" end 9'11.5"

31 3.5"

5'8"

grey lmstone w/ orange oxidation

lot of porosity

9'4.5"

darker-grey limestone, no porosity, black lines

pull 2

9'11.5" to 21'

same as above w/ more porosity 10-12', trans to clay w/ some lithology ~ 19'

we are guessing limestone transitions to shale @ 12 feet

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PROJECT:

ROCK CORE LOG

BORING NO.	PROJECT NO. AIMS	LOCATION YRWLS	SHEET 2 OF B
TIME START	DRILLING CONTRACTOR KGS	DRILLING EQUIPMENT	DATE
TIME STOP	DRILLER	DRILLING METHOD	SAMPLING METHOD
TOTAL DEPTH	BACKFILL MATERIAL	WATER FIRST ENCOUNTERD	FINAL DEPTH TO WATER

DEPTH (FT)	CORE RUN (IN)	RECOV. CORE LENGTH (IN)	TOTAL CORE RECOVERY (%)	SOLID CORE RECOVERY (%)	RQD (%)	FRCT. DENSITY (# PER FT)	PENETRATION RATE (FT/HR)	SMPL. FOR TEST	GRAPHIC LOG	DESCRIPTION/LITHOLOGY/COMMENTS
21										
22			pull 3							dark-grey clayey shale
23			21' - 23' 1.5"							transitions to darker @
24										22 ft.
25										
26			pull 4							same shaley clay as
27			23' 1.5"							above; trans. to limestone
28			to 30'							at 30.5'; limestone
29			9.5"							is grey w/ slight striating
30										
31			pull 5							light-grey limestone
32			30' 9.5"							31-33' dark gy shale
33			- 40' 11"							34-35 ~~[illegible]~~ shale
34										35-40 light grey limestone
35										
36										
37										
38										
39										

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PROJECT:

ROCK CORE LOG

BORING NO.	PROJECT NO. AIMS	LOCATION YRWLS	SHEET 3 OF 8
TIME START	DRILLING CONTRACTOR KGS	DRILLING EQUIPMENT	DATE 5/16/12
TIME STOP	DRILLER	DRILLING METHOD	SAMPLING METHOD
TOTAL DEPTH	BACKFILL MATERIAL	WATER FIRST ENCOUNTERD	FINAL DEPTH TO WATER

DEPTH (FT)	CORE RUN (IN)	RECOV. CORE LENGTH (IN)	TOTAL CORE RECOVERY (%)	SOLID CORE RECOVERY (%)	RQD (%)	FRCT. DENSITY (# PER FT)	PENETRATION RATE (FT/HR)	SMPL. FOR TEST	GRAPHIC LOG	DESCRIPTION/LITHOLOGY/COMMENTS
41	T	40' 3"								note: Joe corrected our measurement on this hole
42		pull 6								all pull 6 is mottled, light
43		to 50' 4"								to dark grey limestone
44		50' 4"								; fine-grained no porosity
45										
46										
47										
48										
49										
50										
51	I	pull 7								mottled grey limestone
52	T	50' 4"								w/ whiter chunks
53		to 60' 4"								some fracturing 50-52'
54										fusulinid fossils
55										
56										
57										
58										
59										

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PROJECT: ROCK CORE LOG

BORING NO.	PROJECT NO. AIMS	LOCATION YRWLS	SHEET 4 OF 8
TIME START	DRILLING CONTRACTOR KGS	DRILLING EQUIPMENT	DATE 5/17/22
TIME STOP	DRILLER	DRILLING METHOD	SAMPLING METHOD
TOTAL DEPTH	BACKFILL MATERIAL	WATER FIRST ENCOUNTERD	FINAL DEPTH TO WATER

DEPTH (FT)	CORE RUN (IN)	RECOV. CORE LENGTH (IN)	TOTAL CORE RECOVERY (%)	SOLID CORE RECOVERY (%)	RQD (%)	FRCT. DENSITY (# PER FT)	PENETRATION RATE (FT/HR)	SMPL. FOR TEST	GRAPHIC LOG	DESCRIPTION/LITHOLOGY/COMMENTS
60 1	pull 8, 60' 4" to 70' 3"									grey limestone w/ fusilinids
60 2										as above, no porosity
60 3										trans. to darker grey
60 4										limestone at 65.5
60 5										
60 6										
60 7										
60 8										
60 9										
70 0										
70 1	pull 9, 70' 3" to 80' 3"									all same as above; darker grey line w/ fusilinids
70 2										
70 3										
70 4										
70 5										
70 6										
70 7										
70 8										
70 9										

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44' 8" 44' 7"

PROJECT:

ROCK CORE LOG

BORING NO.	PROJECT NO. AIMS	LOCATION YRWLS	SHEET 5 OF 8
TIME START	DRILLING CONTRACTOR KGS	DRILLING EQUIPMENT	DATE 5/17/22
TIME STOP	DRILLER	DRILLING METHOD	SAMPLING METHOD
TOTAL DEPTH	BACKFILL MATERIAL	WATER FIRST ENCOUNTERD	FINAL DEPTH TO WATER

DEPTH (FT)	CORE RUN (IN)	RECOV. CORE LENGTH (IN)	TOTAL CORE RECOVERY (%)	SOLID CORE RECOVERY (%)	RQD (%)	FRCT. DENSITY (# PER FT)	PENETRATION RATE (FT/HR)	SMPL. FOR TEST	GRAPHIC LOG	DESCRIPTION/LITHOLOGY/COMMENTS
80										more of the same except line
81	T	Pull 10			80'3"					is darker, 82-87
82		to			90'2"					shale
83										80'3" - 82" - limestone
84										82-87" - darker shale
85										87' - 90'2" = same line as
86										before
87										
88										
89										
90										
91		pull 11,			90'2"					90'2" - 92' = limestone
92		to			99'11"					92' - 97' = darker shale
93										97 - 99'11" = line stop
94										99'11"
95										
96										
97										
98										
99	T									

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OFFICE: _____ DATE: _____

4/1/21

PROJECT:

ROCK CORE LOG

BORING NO.	PROJECT NO. AIMS	LOCATION YRWLS	SHEET 6 OF 8
TIME START	DRILLING CONTRACTOR KGS	DRILLING EQUIPMENT	DATE 5/17/22
TIME STOP	DRILLER	DRILLING METHOD	SAMPLING METHOD
TOTAL DEPTH	BACKFILL MATERIAL	WATER FIRST ENCOUNTERD	FINAL DEPTH TO WATER

DEPTH (FT)	CORE RUN (IN)	RECOV. CORE LENGTH (IN)	TOTAL CORE RECOVERY (%)	SOLID CORE RECOVERY (%)	RQD (%)	FRCT. DENSITY (# PER FT)	PENETRATION RATE (FT/HR)	SMPL. FOR TEST	GRAPHIC LOG	DESCRIPTION/LITHOLOGY/COMMENTS
101	T	pull 12								100'-102' = dark shale
102		99' 11" to								102'-109'11" = same limestone
103		109' 11"								
104										
5										
6										
7										
8										
9										
110	—									
111	T	pull 13								110' to 116', ACW, l.to d. grey limstone w/ striations
112		109' 11" to								no fossils
113		119' 11"								116-117.5 darker shale
114										117.5-119'11" = same limestone as above
115										
116										
117										
118										
119										

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PROJECT:

ROCK CORE LOG

BORING NO.	PROJECT NO. AIMS	LOCATION YRWLS	SHEET OF 9 of 8
TIME START	DRILLING CONTRACTOR KGS	DRILLING EQUIPMENT	DATE 5/17/22
TIME STOP	DRILLER	DRILLING METHOD	SAMPLING METHOD
TOTAL DEPTH	BACKFILL MATERIAL	WATER FIRST ENCOUNTERD	FINAL DEPTH TO WATER

DEPTH (FT)	CORE RUN (IN)	RECOV. CORE LENGTH (IN)	TOTAL CORE RECOVERY (%)	SOLID CORE RECOVERY (%)	RQD (%)	FRCT. DENSITY (# PER FT)	PENETRATION RATE (FT/HR)	SMPL. FOR TEST	GRAPHIC LOG	DESCRIPTION/LITHOLOGY/COMMENTS
120										120'-121' = light grey limestone, no fossils
121	pull 14:	119'11"								121'-129' 11.5" dark, shale and clay paleosol; red coloring from 121-122'
122	to	129'11.5"								
123										
124										
125										
126										
127										
128										
129										
130										130-135: dark shale/clayey paleosol
131	pull 15:	129'11.5"								
132	to	140'								135.3-140': light grey limestone thinly interbedded w/ shale
133										
134										
135										
136										
137										
138										
139										

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PROJECT:

ROCK CORE LOG

BORING NO.	PROJECT NO. AIMS	LOCATION YRWLS	SHEET 8 OF 8
TIME START	DRILLING CONTRACTOR KGS	DRILLING EQUIPMENT	DATE 5/17/22
TIME STOP	DRILLER	DRILLING METHOD	SAMPLING METHOD
TOTAL DEPTH	BACKFILL MATERIAL	WATER FIRST ENCOUNTERD	FINAL DEPTH TO WATER

DEPTH (FT)	CORE RUN (IN)	RECOV. CORE LENGTH (IN)	TOTAL CORE RECOVERY (%)	SOLID CORE RECOVERY (%)	RQD (%)	FRCT. DENSITY (# PER FT)	PENETRATION RATE (FT/HR)	SMPL. FOR TEST	GRAPHIC LOG	DESCRIPTION/LITHOLOGY/COMMENTS
140	pull 15'		140'– 150'		0.5"					140–148.5 = same interbedded material as before, more shale 149–150' lighter grey limestone

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