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## Lithology Well #11 Re-drill.

## Description

Depth	Description
0-10	Dull brown clay silt, very coarse to coarse sand. Some Mv-Ms clasts.
10-20	Tan sandy clay 20%, silt, very coarse to medium sand.
20-30	Minimal clay, coarse to medium sand, silt. Dark Mv-Ms clasts.
30-40	Minimal clay, fine gravel, very coarse to coarse sand, silt. Mv-Ms clasts. Some clasts angular.
40-50	Minimal clay, fine gravel. Very coarse to coarse sand, silt, Mv-Ms clasts. Some clasts angular.
50-60	Minimal clay, silt, fine gravel, very coarse to medium sand, Ms-Mv clasts, some clasts angular.
60-70	Minimal clay, grey silt, medium to fine sand few. Mv-Ms clasts.
70-80	Dull grey clay 35%, silt, coarse to medium sand. Few Mv-Ms clasts.
80-90	Sooty grey sandy clay 25%, silt. Very coarse to medium sand. Mv-Ms clasts 15%.
90-100	Minimal clay, silt, medium to fine sand. Mv-Ms clasts 3%.
100-110	Tan sandy clay 25%, silt, coarse sand, Mv-Ms clasts 10%.
110-120	Tan sandy clay 20%, silt. Very coarse to fine sand, Mv-Ms clasts 10%.
120-130	Tan sandy clay 20%, silt, medium sand, few Mv-Ms clasts.
130-140	Grey sandy clay 15%, silt, medium sand, few Mv-Ms clasts.
140-150	Dull tan sandy clay 10%, silt, medium to fine sand few Mv-Ms clasts.
150-160	Dull tan sandy clay 20%, silt, coarse to medium sand, Mv-Ms clasts 10%.
160-170	Tan sandy clay 10%, silt, fine gravel, very coarse to coarse sand, Ms-Mv clasts 10%. some angular clasts.
170-180	Tan sandy clay 25%, silt, coarse sand, Mv-Ms clasts 5%.

- 180-190 Tan sandy clay 15%, silt. fine gravel, coarse sand, Mv-Ms clasts 5%, some angular clasts.
- 190-200 Tan sandy clay 25%, silt, medium sand, few Mv-Ms clasts.
- 200-210 Dull brown sandy clay 30%, silt, medium sand, few Mv-Ms clasts, high biotite.
- 210-220 Dull tan & grey sandy clay 30%, silt, medium sand, few Mv-Ms clasts, high biotite.
- 220-230 Grey sandy clay 25%, silt, coarse to medium sand, few Mv-MS clasts.
- 230-240 Grey sandy clay 50%, coarse to medium sand, few Mv-Ms clasts.
- 240-250 Grey sandy clay 85%, silt, medium to fine sand. No Mv-Ms clasts.
- 250-260 Dull grey sandy clay 60%, silt, medium sand, no Mv-Ms clasts.
- 260-270 Dull grey sandy clay 50%, silt, medium sand, no Mv-Ms clasts.
- 270-280 Dull grey and tan sandy clay 50%, silt, medium sand, no Mv-Ms clasts.
- 280-290 Dull grey and tan sandy clay, silt, medium sand, no Mv-Ms clasts.
- 290-300 Tan sandy clay 20%, silt, very coarse sand, fine gravel, no Mv-Ms clasts.
- 300-310 Tan sandy clay 10%, silt. very coarse to medium sand, fine gravel, no Mv-Ms clasts.
- 310-320 Grey sandy clay 30%, silt, coarse to medium sand, no Mv-Ms clasts.
- 320-330 Dull tan sandy clay 30%, silt, medium sand, no Mv-Ms clasts.
- 330-340 Tan sandy clay 40%, silt, medium sand, no Mv-Ms clasts.
- 340-350 Dull tan sandy clay 50%, silt, medium sand, few Mv-Ms clasts.
- 350-360 Grey sandy clay 80%, silt, medium to fine sand. No Mv-Ms clasts.
- 360-370 Grey sandy clay 65%, silt, medium to fine sand, No Mv-ms clasts.
- 370-380 Grey sandy clay 45%, silt, coarse to medium sand, no Mv-Ms clasts.
- 380-390 Light grey sandy clay 80%, silt, medium to fine sand, few Mv-Ms clasts.
- 390-400 Dull grey sandy clay 75%, silt, medium sand, no Mv-Ms clasts.
- 400-410 Grey sandy clay 80%, silt, medium to fine sand, few MV-Ms clasts.
- 410-420 Light grey sandy clay 80%, silt, medium to fine sand, few Mv-Ms clasts.



- 420-430 Light grey sandy clay 80%, silt, medium to fine sand, few Mv-Ms clasts.
- 430-440 Dull grey sandy clay 95%, silt, fine sand, no Mv-Ms clasts.
- 440-450 Dull grey sandy clay 95%, silt, fine sand, no Mv-Ms clasts.
- 450-460 Grey sandy clay, some yellow-brown clay 75%, silt, coarse to fine sand, no Mv-Ms clasts.
- 460-470 Dull tan and grey sandy clay 50%, silt, coarse to fine sand, No Mv-Ms clasts.
- 470-480 Dull tan and grey sandy clay 70%, silt, medium to fine sand. No Mv-Ms clasts.
- 480-490 Grey-green sandy clay 75%, silt, medium to fine sand, no Mv-Ms clasts.
- 490-500 Grey-green sandy clay 70%, silt, medium to fine sand, No Mv-Ms clasts.
- 500-510 Dull tan and grey sandy clay 65%, silt, medium to fine sand, no Mv-Ms clasts.
- 510-520 Tan sandy clay 75%, silt, medium to fine sand. No Mv-Ms clasts.
- 520-530 Light grey sandy clay 40%, silt, coarse to medium sand, few Mv-ms clasts.
- 530-540 Light grey sandy clay 35%, silt. Coarse to fine sand, few Mv-Ms clasts.
- 540-550 Light tan sandy clay 15% silt, very coarse to coarse sand, fine gravel to 1.0 cm, few Mv-Ms clasts.
- 550-560 Light tan sandy clay 20%, silt, very coarse to medium sand, fine gravel to 1.0 cm, few Mv-ms clasts.
- 560-570 Light tan sandy clay 50%, silt, medium to fine sand, no Mv-Ms clasts.
- 570-580 Dull grey sandy clay 85%, silt, fine sand, no Mv-Ms clasts.
- 580-590 Grey-green sandy clay 85%, silt, fine sand, no Mv-Ms clasts.
- 590-600 Dull grey clay 65%, silt, fine sand, no Mv-Ms clasts.
- 600-610 Dull grey-green sandy clay 80%, silt, fine sand, no Mv-Ms clasts.
- 610-620 Dull grey-green sandy clay 80%, silt, medium to fine sand, no Mv-Ms clasts.
- 620-630 Dull grey-green sandy clay 70%, silt, medium to fine sand, no Mv-Ms clasts.
- 630-640 Dull grey and tan sandy clay 80%, silt, medium to fine sand, no Mv-Ms clasts.
- 640-650 Dull tan sandy clay 90%, silt, fine sand, no Mv-Ms clasts.
- 650-660 Grey sandy clay 90%, silt, medium to fine sand, no Mv-Ms clast.

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- 660-670 Grey sandy clay 70%, silt, medium to fine sand, few Mv-Ms clasts.
- 670-680 Grey sandy clay 80%, silt, medium to fine sand, few Mv-Ms clasts.
- 680-690 Light grey sandy clay 50%, silt, medium to fine sand, few Mv-Ms clasts.
- 690-700 Grey-green sandy clay 60%, silt, medium to fine sand, few Mv-Ms clasts.
- 700-710 Grey-green sandy clay 45%, silt, medium to fine sand, increase Mv-ms clasts.
- 710-720 Grey-green sandy clay 40%, silt, medium to fine sand, increase Mv-Ms clasts.
- 720-730 Light grey sandy clay 75%, silt, medium to fine sand, few Mv-Ms clasts.
- 730-740 Light grey sandy clay 90%, silt, medium to fine sand, few Mv-Ms clasts.
- 740-750 Grey-green sandy clay 90%, silt, medium to fine sand, few Mv-Ms clasts.
- 750-760 Grey sandy clay 60%, silt, coarse to medium sand, few Mv-Ms clasts.
- 760-770 Light grey sandy clay 60%, silt, medium to fine sand, few Mv-Ms clasts.
- 770-780 Light grey sandy clay 85%, silt, fine sand, few Mv-Ms clasts.
- 780-790 Light grey sandy clay 80%, silt, coarse sand, some fine gravel, no Mv-Ms clasts.
- 790-800 Light grey sandy clay 85%, silt, coarse to medium sand, some fine gravel, no Mv-ms clasts.
- 800-810 Light grey sandy, silty clay 90%, silt, medium sand, some fine gravel, no Mv-Ms clasts.
- 810-820 Light grey sandy, silty clay 90%, silt, medium sand, some fine gravel, no Mv-Ms clasts.
- 820-830 Light grey sandy, silty clay 85%, medium sand. No Mv-Ms clasts.
- 830-840 Light grey sandy, silty clay 85%, medium sand. No Mv-Ms clasts.
- 840-850 Light grey sandy, silty clay 85%, silt, medium to fine sand, no Mv-Ms clasts.
- 850-860 Dull brown sandy, silty clay 80%, silt, medium sand, some fine gravel, no Mv-Ms clasts.
- 860-870 Dull brown & grey sandy, silty clay 95%, silt, medium to fine sand, no Mv-Ms clasts.

*Well # 11 Redrill***I**

Interval	Minutes	Ft./Minute	Ft./Hour
10-30	24	0.83	50.00
30-50	20	1.00	60.00
50-70	26	0.77	46.15
70-90	12	1.67	100.00
90-110	27	0.74	44.44
110-130	22	0.91	54.54
130-150	19	1.05	63.16
150-170	20	1.00	60.00
170-190	22	0.91	54.54
190-210	25	0.80	48.00
210-230	18	1.11	66.67
230-250	22	0.91	54.54
250-270	20	1.00	60.00
270-290	22	0.91	54.54
290-310	17	1.18	70.58
310-330	30	0.67	40.00
330-350	17	1.18	70.58
350-370	20	1.00	60.00
370-390	20	1.00	60.00
390-410	21	0.95	57.14
410-430	27	0.74	44.44
430-450	28	0.71	42.86
450-470	21	0.95	57.14
470-490	24	0.83	50.00

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490-510	18	1.11	66.67
510-530	30	0.67	40.00
530-545	22	0.68	40.91
545-550	4	1.25	75.00
550-570	24	0.83	50.00
570-590	23	0.87	52.17
590-610	21	0.95	57.14
610-630	26	0.77	46.15
630-650	25	0.80	48.00
650-670	27	0.74	44.44
670-690	28	0.71	42.86
690-710	25	0.80	48.00
710-730	24	0.83	50.00
730-750	23	0.87	52.17
750-770	28	0.71	42.86
770-790	31	0.65	38.70
790-810	28	0.71	42.86
810-830	32	0.63	37.50
830-850	43	0.47	27.90
850-870	32	0.63	37.50

Total minutes 1038

Total hours 17.30

Average Ft./Minute 0.84

Average Ft./Hour 50.29