Pason Labs: Slide Performance
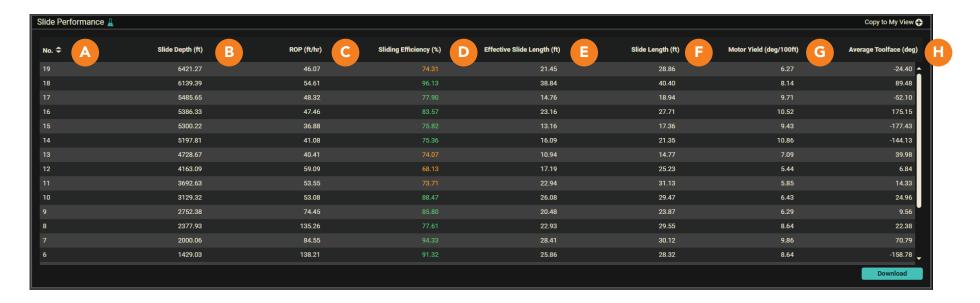
EVALUATE SLIDE PERFORMANCE BY COMPARING SLIDE DEPTH, LENGTH, TOOLFACE, ROP, AND EFFICIENCY.

Slide Performance

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No.	Slide Depth (ft)	ROP (ft/hr)	Sliding Efficiency (%)	Effective Slide Length (ft)	Slide Length (ft)	Motor Yield (deg/100ft)	Average Toolface (deg)
19	6421.27	46.07	74.31	21.45	28.86	6.27	-24.40
18	6139.39	54.61	96.13	38.84	40.40	8.14	89.48
17	5485.65	48.32	77.90	14.76	18.94	9.71	-52.10
16	5386.33	47.46	83.57	23.16	27.71	10.52	175.15
15	5300.22	36.88	75.82	13.16	17.36	9.43	-177.43
14	5197.81	41.08	75.36	16.09	21.35	10.86	-144.13
13	4728.67	40.41	74.07	10.94	14.77	7.09	39.98
12	4163.09	59.09	68.13	17.19	25.23	5.44	6.84
11	3692.63	53.55	73.71	22.94	31.13	5.85	14.33
10	3129.32	53.08	88.47	26.08	29.47	6.43	24.96
9	2752.38	74.45	85.80	20.48	23.87	6.29	9.56
8	2377.93	135.26	77.61	22.93	29.55	8.64	22.38
7	2000.06	84.55	94.33	28.41	30.12	9.86	70.79
6	1429.03	138.21	91.32	25.86	28.32	8.64	-158.78

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A **No:** Slide number

B **Slide Depth:** Depth of the slide

C **ROP:** Rate of Penetration

D **Sliding Efficiency:** Calculates toolface consistency in percent

ⓘ 100% indicates that the toolface was going exactly the average toolface for the entire slide. 80% indicates that the toolface was going the average for 80% of the slide.

E **Effective Slide Length:** How far the slide went in the direction of the average toolface.

ⓘ Slide length x Sliding Efficiency

F **Slide Length:** Total length of the slide in Measured Depth.

G **Motor Yield:** Dogleg Severity / Percent Sliding

H **Average Toolface:** Depth-weighted average toolface.