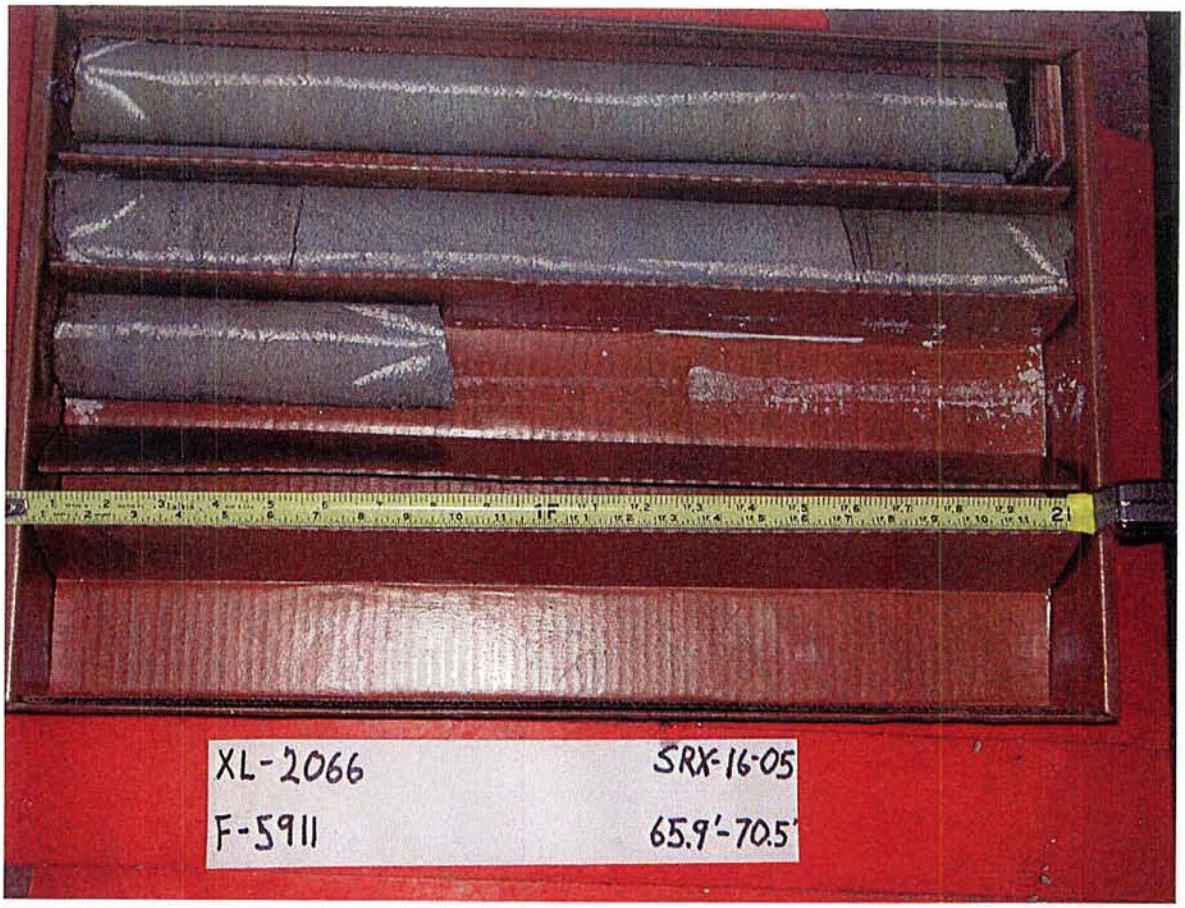
XL-2066
SRX-16-05
C-18
50.9'-56.5'
XL-2066
SRX-16-05
F-5911
40.9'-55.5'

XL-2066
SRX-16-05
C-4
XL-2066
SRX-16-05
C-10
30.9'-35.5'
XL-2066
SRX-16-05
C-12
39.9'-40.5'
XL-2066
SRX-16-05
F-5911
14.5'-40.5'


XL-2066
SRX-16-05
F-5911
65.9'-70.5'

XL-2066
SRX-16-05
F-5911
55.9'-65.9'

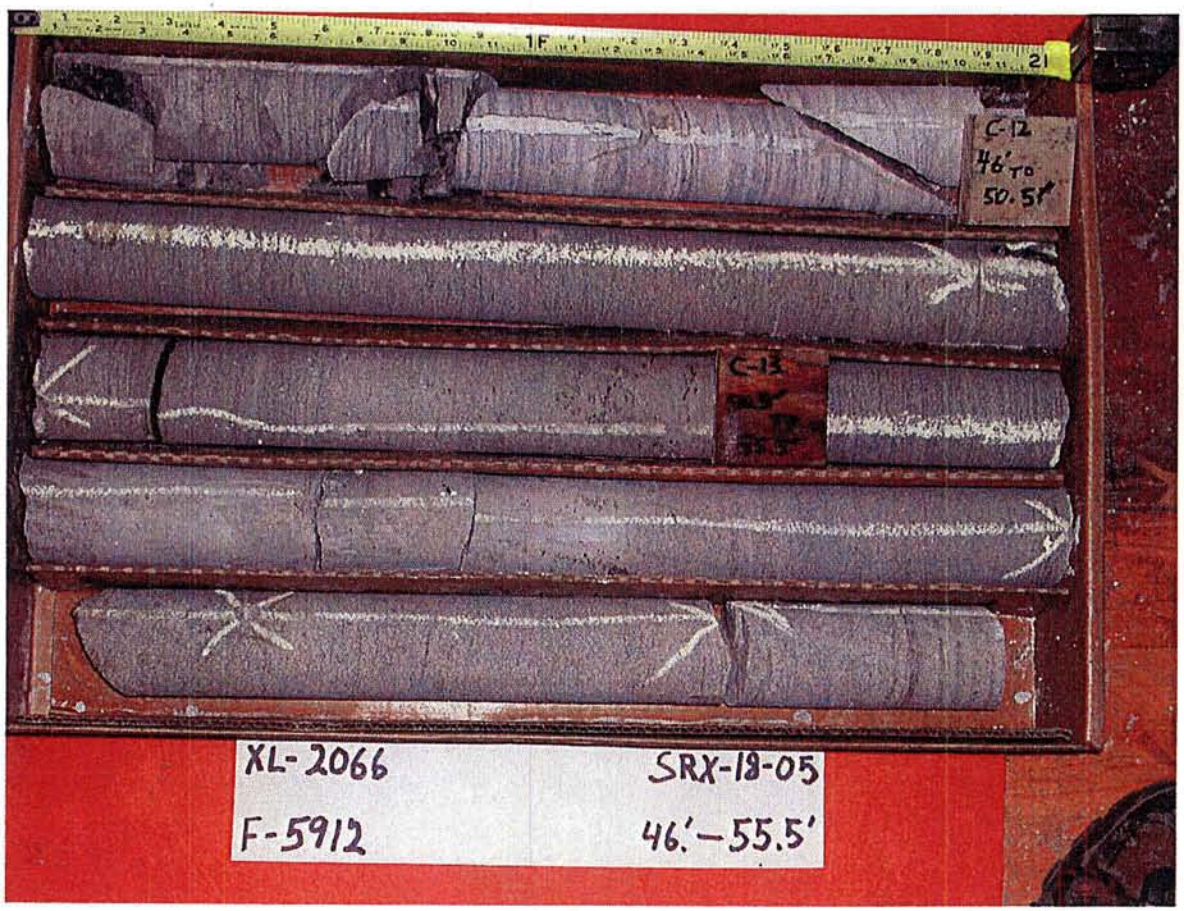
32.0
37.0
XL-2066
SRX-17-05
F-5947
27'-37'

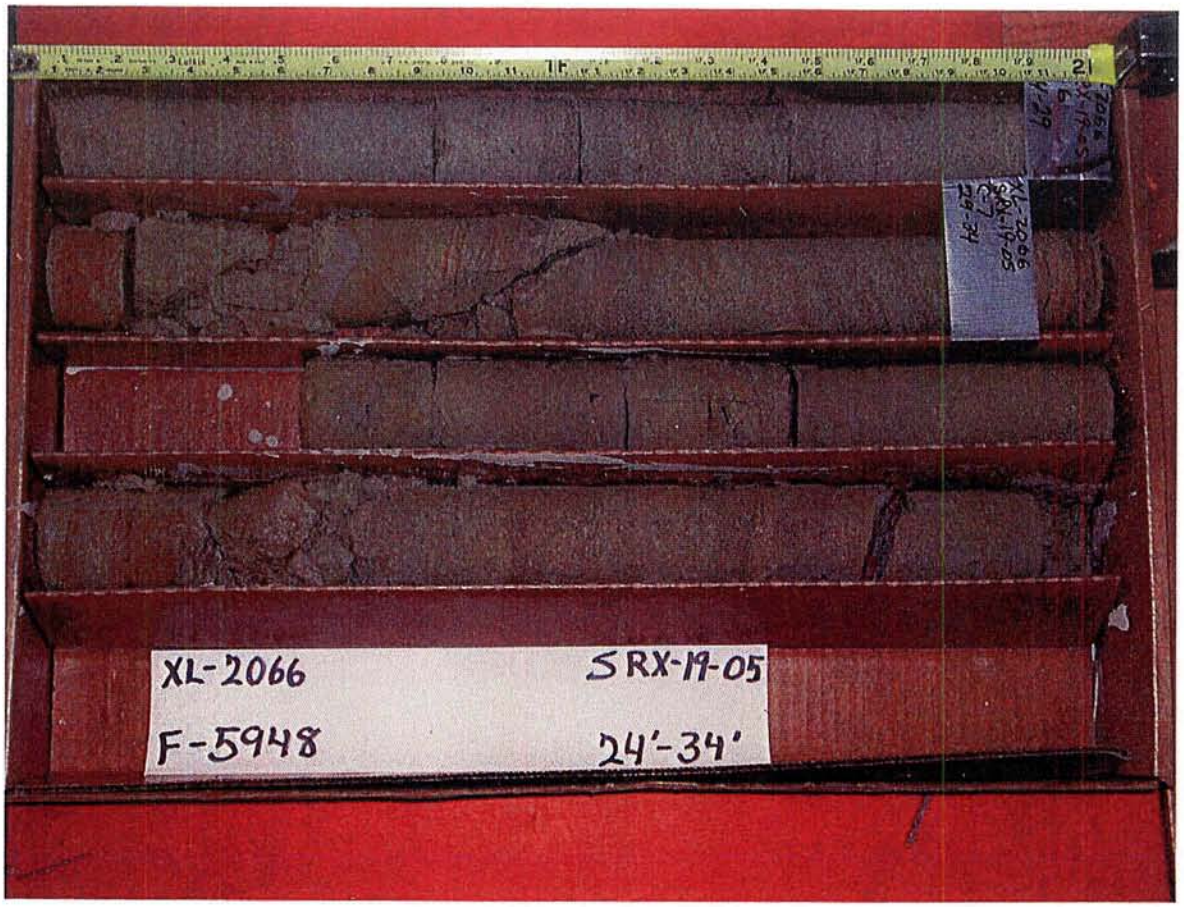
27.0
XL-2066
SRX-17-05
F-5947
17'-27'

XL-2066
SRX-18-05
F-5912
39.3'-45.5'

XL-2066
SRX-17-05
F-5947
37'-47'

XL-2066
SRX-19-05
F-5948
7'-14'


C-12
46' TO
50.5'
XL-2066
SRX-18-05
F-5912
46'-55.5'


XL-2066
SRX-19-05
F-5948
24'-34'

XL-2066
SRX-19-05
F-5948
14'-24

XL-2066
SRX-20-05
F-5920
40'-50'

XL-2066
SRX-20-05
F-5920
30'-40'

XL-2066
SRX-20-05
F-5920
60'-70'

XL-2066
SRX-20-05
F-5920
50'-60'

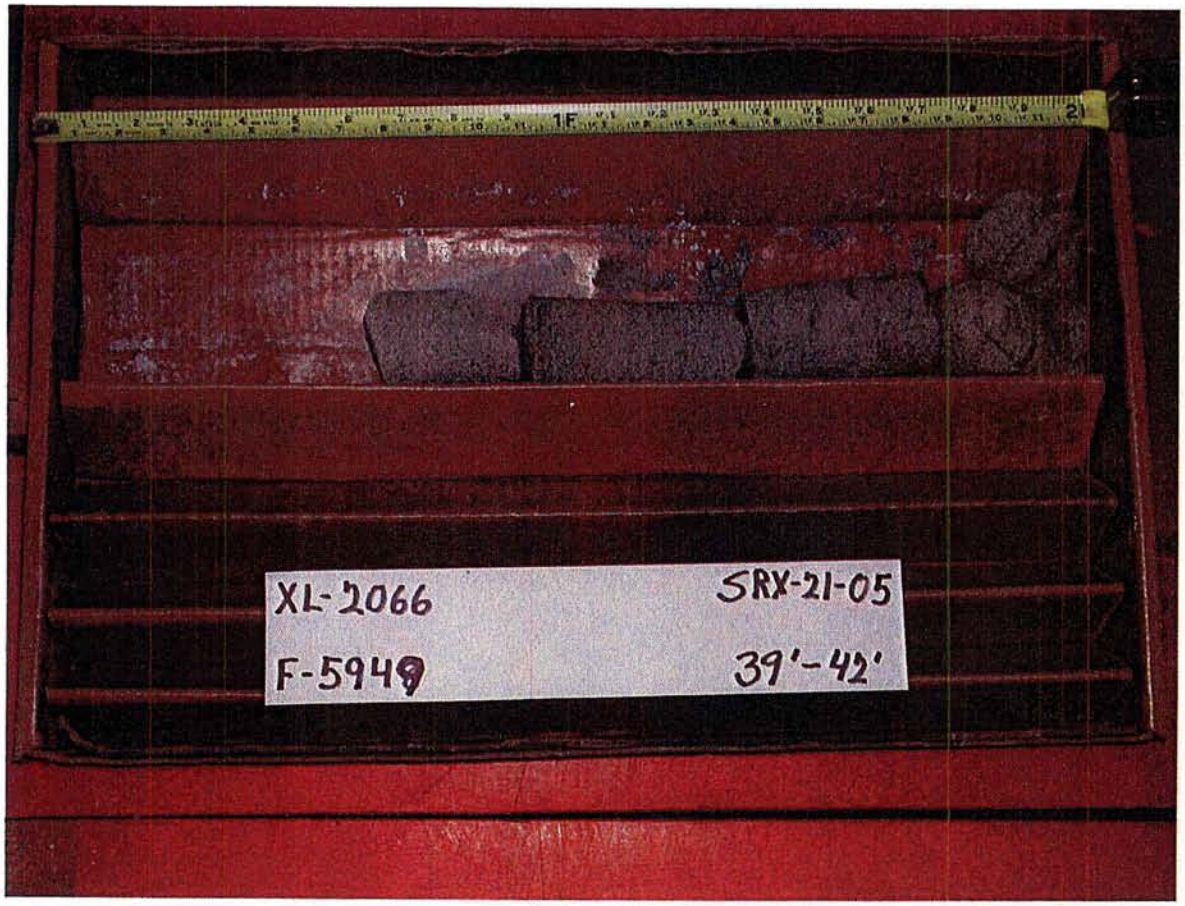
XL-2066
SRX-20-05
F-5920
80'-90'

XL-2066
SRX-20-05
F-5920
70'-80'

XL-2066
SRX-21-05
F-5949
30'-39'

XL-2066
SRX-21-05
F-5949
20.5'-30'

XL-2066
SRX-22-05
F-5962
11' - 30'


XL-2066
SRX-21-05
F-5949
39'-42'

XL-2066
SRX-22-05
F-5962
40'-50'

XL-2066
SRX-22-05
F-5962
30'-40'

XL-2754
Hole # 515-1-06
POINT LOAD TEST
DAVE JENKINS

Depth	Rock Type	Test	Sample Length (in)	Sample Diameter (in)	Gauge reading at failure (lbf)	Sample diameter squared $(in)^2$	I_s [lbs/in^2] (PSI)	54mm core I_s 50 (PSI)	Approximate UCS (PSI)	Approximate UCS (MPa)	Comments
22'	sandstone	d	3.54"	2.4	0	5.76	0.00	0.000	0.000	0.00	
29.8'	sandstone	d	7.08"	2.4	10	5.76	1.74	1.797	43.135	0.30	
32.5'	sandstone	d	7.87"	2.4	15	5.76	2.60	2.696	64.702	0.45	
42'	sandstone	d	7.48"	2.4	25	5.76	4.34	4.493	107.837	0.74	
54'	sandstone	d	4.72"	2.4	95	5.76	16.49	17.074	409.782	2.82	
57'	sandstone	d	3.54"	2.4	5	5.76	0.87	0.899	21.567	0.15	
65'	sandstone	d	5.31"	2.4	110	5.76	19.10	19.770	474.485	3.27	
66.5'	sandstone	d	5.51"	2.4	0	5.76	0.00	0.000	0.000	0.00	
75.5'	sandstone	d	6.10"	2.4	125	5.76	21.70	22.466	539.187	3.71	
79'	sandstone	d	3.54"	2.4	90	5.76	15.63	16.176	388.215	2.67	
84'	sandstone	d	7.48"	2.4	1090	5.76	189.24	195.905	4701.711	32.39	
89'	sandstone	d	11.81"	2.4	10	5.76	1.74	1.797	43.135	0.30	

Notes: I_s =lbf/in^2

$I_s50=(D/50)^{.45} \times I_s$ (standard D= 50,54mm) $I_s50=(1.09) \times (I_s)$ (corrected for D= 60mm)

$UCS_{(psi)}=(I_s50) \times (24)$ End note: In this sheet,the I_s50 column is calculated for a 54mm core.

$UCS_{(MPa)}= (UCS_{(psi)}) \times (0.00689)$ If you are testing a non standard, 60mm core, some changes to the formula need to be made. See Tom Badger

XL-2754
Hole # 515-2-06
POINT LOAD TEST
DAVE JENKINS

Sample depth (ft. below ground)	Rock Type	Test	Sample Length (in)	Sample Diameter (in)	Gauge reading at failure (lbf)	Sample diameter squared $(in)^2$	I_s [lbs/in^2] (PSI)	54mm core I_s 50 (PSI)	Approximate UCS (PSI)	Approximate UCS (MPa)	Comments
19'	Sandstone	d	6.69	2.4	0	5.76	0.00	0.000	0.000	0.00	
22'	Sandstone	d	6.29	2.4	0	5.76	0.00	0.000	0.000	0.00	
26'	Sandstone	d	5.11	2.4	0	5.76	0.00	0.000	0.000	0.00	
33.5'	Sandstone	d	6.88	2.4	30	5.76	5.21	5.392	129.405	0.89	
36'	Sandstone	d	5.7	2.4	50	5.76	8.68	8.986	215.675	1.49	
44'	Sandstone	d	3.54	2.4	0	5.76	0.00	0.000	0.000	0.00	
48'	Sandstone	d	3.54	2.4	180	5.76	31.25	32.351	776.429	5.35	
54'	Sandstone	d	5.9	2.4	150	5.76	26.04	26.959	647.024	4.46	
56.5'	Sandstone	d	9.05	2.4	425	5.76	73.78	76.385	1833.236	12.63	
59'	Sandstone	d	9.44	2.4	1800	5.76	312.50	323.512	7764.294	53.50	
63'	Sandstone	d	4.72	2.4	215	5.76	37.33	38.642	927.402	6.39	
66'	Sandstone	d	3.14	2.4	0	5.76	0.00	0.000	0.000	0.00	
72.5'	Sandstone	d	7.87	2.4	635	5.76	110.24	114.128	2739.070	18.87	
74'	Sandstone	d	4.72	2.4	25	5.76	4.34	4.493	107.837	0.74	
76'	Sandstone	d	4.72	2.4	0	5.76	0.00	0.000	0.000	0.00	
84'	Sandstone	d	15.70	2.4	800	5.76	138.89	143.783	3450.797	23.78	
88'	Sandstone	d	18.11	2.4	400	5.76	69.44	71.892	1725.399	11.89	

Notes: I_s =lbf/in^2

$I_s50=(D/50)^{.45} \times I_s$ (standard D= 50,54mm) $I_s50=(1.09) \times (I_s)$ (corrected for D= 60mm)

$UCS_{(psi)}=(I_s50) \times (24)$ End note: In this sheet,the I_s50 column is calculated for a 54mm core.

$UCS_{(MPa)}= (UCS_{(psi)}) \times (0.00689)$ If you are testing a non standard, 60mm core, some changes to the formula need to be made. See Tom Badger

XL-2754
Hole # 515-4-06
POINT LOAD TEST
DAVE JENKINS

	Rock Type	Test	Sample Length (in)	Sample Diameter (in)	Gauge reading at failure (lbf)	Sample diameter squared (in)^2	I_S [lbs/in^2] (PSI)	54mm core I_S 50 (PSI)	Approximate UCS (PSI)	Approximate UCS (MPa)	Comments
44.5'	SANDSTONE	d	4.33	2.4	865	5.76	150.17	155.466	3731.174	25.71	
46.5'	SANDSTONE	d	4.13	2.4	10	5.76	1.74	1.797	43.135	0.30	
51.8'	SANDSTONE	d	6.1	2.4	565	5.76	98.09	101.547	2437.126	16.79	
54.5'	SANDSTONE	d	6.29	2.4	560	5.76	97.22	100.648	2415.558	16.64	
57'	SANDSTONE	d	8.26	2.4	670	5.76	116.32	120.418	2890.043	19.91	
62'	SANDSTONE	d	11.4	2.4	535	5.76	92.88	96.155	2307.721	15.90	
64'	SANDSTONE	d	23.6	2.4	1180	5.76	204.86	212.080	5089.926	35.07	
67'	SANDSTONE	d	21.65	2.4	495	5.76	85.94	88.966	2135.181	14.71	
72.5'	SANDSTONE	d	6.88	2.4	50	5.76	8.68	9.986	215.675	1.49	
73.5'	SANDSTONE	d	7.08	2.4	90	5.76	15.63	16.176	388.215	2.67	
80'	SANDSTONE	d	7.08	2.4	20	5.76	3.47	3.595	86.270	0.59	
82'	SANDSTONE	d	3.93	2.4	0	5.76	0.00	0.000	0.000	0.00	
96'	SANDSTONE	d	6.29	2.4	15	5.76	260.00	2.696	64.720	0.45	

Notes: I_S =lbf/in^2

$I_S50=(D/50)^{.45} \times I_S$ (standard D= 50,54mm) $I_S50=(1.09) \times (I_S)$ (corrected for D= 60mm)

$UCS_{(psi)}=(I_S50) \times (24$ End note: In this sheet,the I_S50 column is calculated for a 54mm core.

$UCS_{(MPa)}= (UCS_{(psi)}) \times (0.00689)$ If you are testing a non standard, 60mm core, some changes to the formula need to be made. See Tom Badger

XL-2754
Hole # 515-4A-06
POINT LOAD TEST
DAVE JENKINS

[illegible]	Rock Type	Test	Sample Length (in)	Sample Diameter (in)	Gauge reading at failure (lbf)	Sample diameter squared $(in)^2$	I_s [lbs/in^2] (PSI)	54mm core I_s 50 (PSI)	Approximate UCS (PSI)	Approximate UCS (MPa)	Comments	
17.4'	sandstone	d	6.69	2.4	35	5.76	6.08	6.291	150.972	1.04		
18.9'	sandstone	d	10.23	2.4	20	5.76	3.47	3.595	86.270	0.59		
22.9'	sandstone	d	6.69	2.4	100	5.76	17.36	17.973	431.350	2.97		

Notes: $I_s = lbf/in^2$

$I_s50=(D/50)^{.45} \times I_s$ (standard D= 50,54mm) $I_s50=(1.09) \times (I_s)$ (corrected for D= 60mm)

$UCS_{(psi)}=(I_s50) \times (24$ End note: In this sheet,the I_s50 column is calculated for a 54mm core.

$UCS_{(MPa)}= (UCS_{(psi)}) \times (0.00689)$ If you are testing a non standard, 60mm core, some changes to the formula need to be made. See Tom Badger

David Jenkins hole 515-[redacted]-06 XL-2754 POINT LOAD TEST

Sample depth (ft. below ground)	Rock Type	Test	Sample Length (in)	Sample Diameter (in)	Gauge reading at failure (lbf)	Sample diameter squared $(in)^2$	I_S [lbs/in^2] (PSI)	54mm core I_S 50 (PSI)	Approximate UCS (PSI)	Approximate UCS (MPa)	Comments
45'	sandstone	d	10.3"	2.4	25	5.76	4.34	4.493	107.837	0.74	
50.5'	sandstone	d	6.0"	2.4	155	5.76	26.91	27.858	668.592	4.61	
63.5'	sandstone	d	9.5"	2.4	50	5.76	8.68	8.986	215.675	1.49	
71'	sandstone	d	6.4"	2.4	50	5.76	8.68	8.986	215.675	1.49	
80'	sandstone	d	8.7"	2.4	25	5.76	4.34	4.493	107.837	0.74	
92.5'	sandstone	d	8.9"	2.4	50	5.76	8.68	8.986	215.675	1.49	
101'	sandstone	d	10.7"	2.4	65	5.76	11.28	11.682	280.377	1.93	
111'	sandstone	d	7.2"	2.4	85	5.76	14.76	15.277	366.647	2.53	
119	sandstone	d	8.0"	2.4	45	5.76	7.81	8.088	194.107	1.34	
		d		2.4		5.76	0.00	0.000	0.000	0.00	
		d		2.4		5.76	0.00	0.000	0.000	0.00	

Notes: I_S =lbf/in^2

$I_S50=(D/50)^{.45} \times I_S$ (standard D= 50,54mm) $I_S50=(1.09) \times (I_S)$ (corrected for D= 60mm)

$UCS_{(psi)} = (I_S50) \times (24)$ End note: In this sheet,the I_S50 column is calculated for a 54mm core.

David Jenkins hole 515-6-06 XL-2754 POINT LOAD TEST

Sample depth (ft. below ground)	Rock Type	Test	Sample Length (in)	Sample Diameter (in)	Gauge reading at failure (lbf)	Sample diameter squared $(in)^2$	I_S [lbs/in^2] (PSI)	54mm core I_S 50 (PSI)	Approximate UCS (PSI)	Approximate UCS (MPa)	Comments
42'	sandstone	d	9.5"	2.4	95	5.76	16.49	17.074	409.782	2.82	
51'	sandstone	d	9.8"	2.4	355	5.76	61.63	63.804	1531.291	10.55	
59'	sandstone	d	7.5"	2.4	65	5.76	11.28	11.682	280.377	1.93	
71'	sandstone	d	7.5"	2.4	150	5.76	26.04	26.959	647.024	4.46	
83'	sandstone	d	7.4"	2.4	20	5.76	3.47	3.595	86.270	0.59	
91'	sandstone	d	8.0"	2.4	30	5.76	5.21	5.392	129.405	0.89	
102'	sandstone	d	7.4"	2.4	25	5.76	4.34	4.493	107.837	0.74	
111'	sandstone	d	8.1"	2.4	35	5.76	6.08	6.291	150.972	1.04	
120'	sandstone	d	7.4"	2.4	25	5.76	4.34	4.493	107.837	0.74	
		d		2.4		5.76	0.00	0.000	0.000	0.00	
		d		2.4		5.76	0.00	0.000	0.000	0.00	

Notes: I_S =lbf/in^2

$I_S50=(D/50)^{.45} \times I_S$ (standard D= 50,54mm) $I_S50=(1.09) \times (I_S)$ (corrected for D= 60mm)

$UCS_{(psi)} = (I_S50) \times (24)$ End note: In this sheet,the I_S50 column is calculated for a 54mm core.

Renton Nickel Project
Implementation
XL-2066 SRP-2-05

Sample depth (ft. below ground)	Rock Type	Test	Sample Length (in)	Sample Diameter (in)	Gauge reading at failure (lbf)	Sample diameter squared (in)^2	I_s [lbs/in^2] (PSI)	54mm core I_s 50 (PSI)	Approximate UCS (PSI)	Approximate UCS (MPa)	Comments	
16		d	3.14	2.36	0	5.5696	0.00	0.000	0.000	0.00		
18		d	3.34	2.36	5	5.5696	0.90	0.929	22.305	0.15		
19		d	3.54	2.36	40	5.5696	7.18	7.435	178.438	1.23		
20		d	4.72	2.36	0	5.5696	0.00	0.000	0.000	0.00		
20		d	2.75	2.36	0	5.5696	0.00	0.000	0.000	0.00		
21		d	2.36	2.36	0	5.5696	0.00	0.000	0.000	0.00		

Notes: I_s =lbf/in^2

$I_s50=(D/50)^{.45} \times I_s$ (standard D= 50,54mm) $I_s50=(1.09) \times (I_s)$ (corrected for D= 60mm)

$UCS_{(psi)} = (I_s50) \times (24)$ End note: In this sheet,the I_s50 column is calculated for a 54mm core.

$UCS_{(MPa)} = (UCS_{(psi)}) \times (0.00689)$ If you are testing a non standard, 60mm core, some changes to the formula need to be made. See Tom Badger

Renton Nickel Project
Implementation
XL-2066 SRP-3-05

Sample depth (ft below ground)	Rock Type	Test	Sample Length (in)	Sample Diameter (in)	Gauge reading at failure (lbf)	Sample diameter squared $(in)^2$	I_s [lbs/in^2] (PSI)	5-inch core I_s 50 (PSI)	Approximate UCS (PSI)	Approximate UCS (MPa)	Comments	
26		d	4.13	2.4	415	5.76	72.05	74.588	1790.101	12.33		
27		d	5.31	2.44	225	5.9536	37.79	39.124	938.977	6.47		
28		d	5.12	2.44	300	5.9536	50.39	52.165	1251.969	8.63		
31		d	4.92	2.4	80	5.76	13.89	14.378	345.080	2.38		
33		d	4.53	2.48	180	6.1504	29.27	30.298	727.145	5.01		
35		d	5.12	2.44	100	5.9536	16.80	17.388	417.323	2.88		

Notes: I_s =lbf/in^2

$I_s50=(D/50)^{.45} \times I_s$ (standard D= 50,54mm) $I_s50=(1.09) \times (I_s)$ (corrected for D= 60mm)

$UCS_{(psi)} = (I_s50) \times (24)$ End note: In this sheet,the I_s50 column is calculated for a 54mm core.

$UCS_{(MPa)} = (UCS_{(psi)}) \times (0.00689)$ you are testing a non standard, 60mm core, some changes to the formula need to be made. See Tom Badger

Renton Nickel Project
Implementation
XL-2066 SRX-17-05

ample depth (ft. below ground)	Rock Type	Test	Sample Length (in)	Sample Diameter (in)	Gauge reading at failure (lbf)	Sample diameter squared (in)^2	I_S [lbs/in^2] (PSI)	54mm core I_S 50 (PSI)	Approximate UCS (PSI)	Approximate UCS (MPa)	Comments
20		d	3.15	2.44	100	5.9536	16.80	17.388	417.323	2.88	
21		d	3.74	2.4	120	5.76	20.83	21.567	517.620	3.57	
28		d	5.11	2.4	475	5.76	82.47	85.371	2048.911	14.12	
30		d	3.74	2.44	765	5.9536	128.49	133.022	3192.521	22.00	
31		d	5.11	2.44	1095	5.9536	183.92	190.404	4569.686	31.49	
38		d	5.31	2.44	3850	5.9536	646.67	669.456	16066.934	110.70	
39		d	3.74	2.44	3950	5.9536	663.46	686.844	16484.257	113.58	
41		d	4.33	2.44	3500	5.9536	587.88	608.596	14606.304	100.64	

Notes: I_S =lbf/in^2

$I_S50=(D/50)^{.45} \times I_S$ (standard D= 50,54mm) $I_S50=(1.09) \times (I_S)$ (corrected for D= 60mm)

$UCS_{(psi)} = (I_S50) \times (24)$ End note: In this sheet,the I_S50 column is calculated for a 54mm core.

$UCS_{(MPa)} = (UCS_{(psi)}) \times (0.00689)$ If you are testing a non standard, 60mm core, some changes to the formula need to be made. See Tom Badger

Renton Nickel Project
Implementation
XL-2066 SRX-18-05

Sample depth (ft below ground)	Rock Type	Test	Sample Length (in)	Sample Diameter (in)	Gauge reading at failure (lbf)	Sample diameter squared $(in)^2$	I_S [lbs/in^2] (PSI)	54mm core I_S50 (PSI)	Approximate UCS (PSI)	Approximate UCS (MPa)	Comments	
49		d	5.12	2.4	145	5.76	25.17	26.061	625.457	4.31		
49		d	4.92	2.4	170	5.76	29.51	30.554	733.294	5.05		
50		d	5.51	2.4	200	5.76	34.72	35.946	862.699	5.94		

Notes: I_S =lbf/in^2

$I_S50=(D/50)^{.45} \times I_S$ (standard D= 50,54mm) $I_S50=(1.09) \times (I_S)$ (corrected for D= 60mm)

$UCS_{(psi)}=(I_S50) \times (24)$ End note: In this sheet,the I_S50 column is calculated for a 54mm core.

$UCS_{(MPa)}= (UCS_{(psi)}) \times (0.00689)$ If you are testing a non standard, 60mm core, some changes to the formula need to be made. See Tom Badger

Renton Nickel Project
Implementation
XL-2066 SRX-19-05

Sample depth (ft. below ground)	Rock Type	Test	Sample Length (in)	Sample Diameter (in)	Gauge reading at failure (lbf)	Sample diameter squared (in)^2	I_s (lbs/in^2) (PSI)	Return core I_s 50 (PSI)	Approximate UCS (PSI)	Approximate UCS (MPa)	Comments
11		d	3.93	2.4	10	5.76	1.74	1.797	43.135	0.30	
13		d	5.7	2.36	150	5.5696	26.93	27.881	669.143	4.61	
14		d	4.52	2.44	105	5.9536	17.64	18.258	438.189	3.02	
21		d	4.92	2.32	35	5.3824	6.50	6.732	161.564	1.11	
22		d	5.31	2.4	15	5.76	2.60	2.696	64.702	0.45	
23		d	5.11	2.4	40	5.76	6.94	7.189	172.540	1.19	
30		d	4.33	2.32	25	5.3824	4.64	4.808	115.403	0.80	
31		d	5.11	2.28	30	5.1984	5.77	5.974	143.385	0.99	
33		d	3.74	2.36	30	5.5696	5.39	5.576	133.829	0.92	

Notes: I_s =lbf/in^2

$I_s50=(D/50)^{.45} \times I_s$ (standard D= 50,54mm) $I_s50=(1.09) \times (I_s)$ (corrected for D= 60mm)

$UCS_{(psi)}=(I_s50) \times (24)$ End note: In this sheet,the I_s50 column is calculated for a 54mm core.

$UCS_{(MPa)}= (UCS_{(psi)}) \times (0.00689)$ If you are testing a non standard, 60mm core, some changes to the formula need to be made. See Tom Badger

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Sample depth (ft, below ground)	Rock Type	Test	Sample Length (in)	Sample Diameter (in)	Gauge reading at failure (lbf)	Sample diameter squared $(in)^2$	I_s [lbs/in^2] (PSI)	60mm core I_s50 (PSI)	Approximate UCS (PSI)	Approximate UCS (MPa)	Comments
31		d	5.31	2.44	20	5.9536	3.36	3.478	83.465	0.58	
32		d	4.72	2.44	5	5.9536	0.84	0.869	20.866	0.14	
34		d	4.72	2.44	15	5.9536	2.52	2.608	62.598	0.43	
41		d	4.13	2.44	50	5.9536	8.40	8.694	208.661	1.44	
42		d	5.11	2.44	75	5.9536	12.60	13.041	312.992	2.16	
44		d	4.92	2.36	5	5.5696	0.90	0.929	22.305	0.15	
56		d	3.54	2.4	50	5.76	8.68	8.986	215.675	1.49	
57		d	4.72	2.4	10	5.76	1.74	1.797	43.135	0.30	
59		d	4.52	2.44	140	5.9536	23.52	24.344	584.252	4.03	
77		d	4.52	2.44	5	5.9536	0.84	0.869	20.866	0.14	
77		d	5.51	2.44	35	5.9536	5.88	6.086	146.063	1.01	
79		d	5.11	2.36	25	5.5696	4.49	4.647	111.524	0.77	

Notes: I_s =lbf/in^2

$I_s50=(D/50)^{.45} \times I_s$ (standard D= 50,54mm) $I_s50=(1.09) \times (I_s)$ (corrected for D= 60mm)

$UCS_{(psi)}=(I_s50) \times (24)$ End note: In this sheet,the I_s50 column is calculated for a 54mm core.

$UCS_{(MPa)}= (UCS_{(psi)}) \times (0.00689)$ If you are testing a non standard, 60mm core, some changes to the formula need to be made. See Tom Badger

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Sample depth (ft below ground)	Rock Type	Test	Sample Length (in)	Sample Diameter (in)	Gauge reading at failure (lbf)	Sample diameter squared (in^2)	I_s [lbs/in^2] (PSI)	Given core I_s 50 (PSI)	Approximate UCS (PSI)	Approximate UCS (MPa)	Comments
23		d	5.51	2.24	20	5.0176	3.99	4.126	99.034	0.68	
23		d	5.91	2.32	5	5.3824	0.93	0.962	23.081	0.16	
24		d	5.91	2.36	50	5.5696	8.98	9.294	223.048	1.54	
32		d	6.69	2.36	45	5.5696	8.08	8.364	200.743	1.38	
33		d	5.11	2.36	45	5.5696	8.08	8.364	200.743	1.38	
35		d	5.71	2.36	35	5.5696	6.28	6.506	156.133	1.08	

Notes: I_s =lbf/in^2

$I_s50=(D/50)^{.45} \times I_s$ (standard D= 50,54mm) $I_s50=(1.09) \times (I_s)$ (corrected for D= 60mm)

$UCS_{(psi)}=(I_s50) \times (24)$ End note: In this sheet,the I_s50 column is calculated for a 54mm core.

$UCS_{(MPa)}= (UCS_{(psi)}) \times (0.00689)$ you are testing a non standard, 60mm core, some changes to the formula need to be made. See Tom Badger

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XL-2066 SRX-22-05

Sample depth (ft. below ground)	Rock Type	Test	Sample Length (in)	Sample Diameter (in)	Gauge reading at failure (lbf)	Sample diameter squared (in)^2	I_s [lbs/in^2] (PSI)	54mm core I_s50 (PSI)	Approximate UCS (PSI)	Approximate UCS (MPa)	Comments	
23		d	5.91	2.36	85	5.5696	15.26	15.799	379.181	2.61		
24		d	6.5	2.4	100	5.76	17.36	17.973	431.350	2.97		
31		d	5.31	2.36	70	5.5696	12.57	13.011	312.267	2.15		
32		d	5.91	2.36	65	5.5696	11.67	12.082	289.962	2.00		

Notes: I_s =lbf/in^2

$I_s50=(D/50)^{.45} \times I_s$ (standard D= 50,54mm) $I_s50=(1.09) \times (I_s)$ (corrected for D= 60mm)

$UCS_{(psi)}=(I_s50) \times (24)$ End note: In this sheet,the I_s50 column is calculated for a 54mm core.

$UCS_{(MPa)}= (UCS_{(psi)}) \times (0.00689)$ If you are testing a non standard, 60mm core, some changes to the formula need to be made. See Tom Badger