

Pay Summary Specification: wns_bna_3md_phie_1524_lump

Primary reference for reporting and sample control: TVDSS

Cutoff details:-

PERM >= 3 MD

Lumping details:-

Standalone Minimum Thickness: 0.1525 METRES

Include Minimum Thickness: 0.1524 METRES

Maximum Separation: 0.1524 METRES

Well	Interval	Top TVDSS (m)	Base	TOP M	BASE M	GROSS M	NET M	N/G M/M	PHI V/V	SW V/V	VSH V/V	Perm MD	PHI-H (V/V)M	KH MDM	HC Pore Vol (V/V)M
B-16_4	BEN NEVIS	2227.6	2300.3	2717	2817	72.65	0	0	-	-	-	-	0	0	0
B-16_4	UBN1	2300.3	2318.1	2817	2841.5	17.84	2.91	0.16	0.17	0.308	0.16	44.9	0.51	130.87	0.35
B-16_4	LBN1	2318.1	2331.8	2841.5	2860	13.68	4.01	0.29	0.17	0.31	0.13	39.27	0.67	157.63	0.46
B-16_4	AVALON	2331.8	2336	2860	2866	4.2	1.1	0.26	0.21	0.408	0.31	89.09	0.23	97.77	0.13
B-16_4	AVALON 1 SS	2336	2338.4	2866	2869	2.38	1.47	0.62	0.17	0.286	0.31	33.09	0.25	48.49	0.18
B-16_4	AVALON 1	2338.4	2345.7	2869	2879	7.35	0	0	-	-	-	-	0	0	0
B-16_4	Total BNA	2227.6	2345.7	2717	2879	118.1	9.49	0.08	0.17	0.319	0.19	45.81	1.66	434.76	1.13
B-27	BEN NEVIS	2295.1	2510.9	2322	2538	215.74	0	0	-	-	-	-	0	0	0
B-27	UBN1	2510.9	2551.6	2538	2578.5	40.75	20.5	0.5	0.2	0.21	0.23	98.37	4.12	2016.49	3.25
B-27	LBN1	2551.6	2559.6	2578.5	2586.5	8	5.75	0.72	0.21	0.136	0.04	853.39	1.22	4906.62	1.05
B-27	AVALON	2559.6	2569.1	2586.5	2596	9.5	0.25	0.03	0.15	0.118	0.29	337.1	0.04	84.27	0.03
B-27	AVALON 1 SS	2569.1	2577.1	2596	2604	8	3	0.38	0.15	0.384	0.17	53.97	0.44	161.89	0.27
B-27	AVALON 1	2577.1	2668.1	2604	2695	90.99	0	0	-	-	-	-	0	0	0
B-27	Total BNA	2295.1	2668.1	2322	2695	372.98	29.5	0.08	0.2	0.207	0.19	243.04	5.82	7169.27	4.61
C-96	BEN NEVIS	2210.7	2283.7	2244	2317	72.99	0.5	0.01	0.13	0.367	0.5	3.13	0.07	1.57	0.04
C-96	UBN1	2283.7	2288.7	2317	2322	5	0.5	0.1	0.16	0.443	0.17	5.77	0.08	2.89	0.04
C-96	LBN1	2288.7	2299.7	2322	2333	11	0	0	-	-	-	-	0	0	0
C-96	AVALON	2299.7	2318.6	2333	2352	19	0	0	-	-	-	-	0	0	0
C-96	AVALON 1 SS	2318.6	2319.9	2352	2353.5	1.25	0	0	-	-	-	-	0	0	0
C-96	AVALON 1	2319.9	2401.6	2353.5	2435	81.74	0	0	-	-	-	-	0	0	0
C-96	Total BNA	2210.7	2401.6	2244	2435	190.98	1	0.01	0.15	0.408	0.33	4.45	0.15	4.45	0.09
G-55	BEN NEVIS	1893.3	2238.1	1923	2268	344.75	19	0.06	0.18	0.774	0.13	56.23	3.42	1068.31	0.77
G-55	UBN1	2238.1	2316.1	2268	2346	78	22.5	0.29	0.19	0.746	0.06	231.6	4.36	5210.95	1.11
G-55	LBN3	2316.1	2363.8	2346	2393.5	47.75	37	0.77	0.22	0.901	0.06	497.19	8.12	18396.14	0.8
G-55	LBN3 SH	2363.8	2385.8	2393.5	2415.5	22	0	0	-	-	-	-	0	0	0
G-55	LBN2	2385.8	2484.3	2415.5	2514	98.5	60.5	0.61	0.22	0.827	0.11	574.62	13.21	34764.58	2.29
G-55	LBN1	2484.3	2544.8	2514	2574.5	60.5	35	0.58	0.2	0.83	0.1	254.88	7.01	8920.91	1.19
G-55	AVALON	2544.8	2790.3	2574.5	2820	245.5	20	0.08	0.17	0.83	0.15	35.53	-	710.62	-
G-55	Total BNA	1893.3	2790.3	1923	2820	897	194	0.22	0.21	0.829	0.09	356.04	36.7	69071.51	6.26
I-46	BEN NEVIS	2123.6	2340.1	2157	2373.5	216.48	0	0	-	-	-	-	0	0	0

Well	Interval	Top TVDS (m)	Base TVDS (m)	TOP M	BASE M	GROSS M	NET M	N/G M/M	PHI V/V	SW V/V	VSH V/V	Perm MD	PHI-H (V/V)M	KH MDM	HC Pore Vol (V/V)M
I-46	UBN1	2340.1	2375.4	2373.5	2409	35.25	6	0.17	0.19	0.192	0.1	55.38	1.15	332.25	0.93
I-46	LBN3	2375.4	2388.1	2409	2421.5	12.75	1.75	0.14	0.2	0.295	0.25	50.5	0.34	88.37	0.24
I-46	LBN2	2388.1	2451.6	2421.5	2485	63.49	33.25	0.52	0.19	0.249	0.17	84.58	6.25	2812.01	4.69
I-46	AVALON	2451.6	3400.3	2485	3436	948.67	0	0	-	-	-	-	0	0	0
I-46	Total BNA	2123.6	3400.3	2157	3436	1276.64	41	0.03	0.19	0.242	0.17	78.85	7.74	3232.63	5.86
J-34	BEN NEVIS	2142.8	2400.0	2176.0	2433.5	257.3	0.0	0.00	-	-	-	-	0.00	0.0	0.00
J-34	UBN1	2400.0	2465.5	2433.5	2499.0	65.5	18.0	0.27	0.20	0.15	0.09	152.47	3.56	2744.4	3.03
J-34	LBN3	2465.5	2517.5	2499.0	2551.0	52.0	8.0	0.15	0.16	0.34	0.16	8.81	1.29	70.5	0.85
J-34	LBN3 SH	2517.5	2533.3	2551.0	2566.5	15.8	0.5	0.03	0.15	0.41	0.58	3.63	0.07	1.8	0.04
J-34	LBN2	2533.3	2561.5	2566.5	2595.0	28.3	10.5	0.37	0.15	0.29	0.36	28.52	1.61	299.5	1.14
J-34	LBN1 SS	2561.5	2577.3	2595.0	2610.5	15.8	9.5	0.60	0.18	0.19	0.04	245.74	1.68	2334.5	1.36
J-34	AVALON	2577.3	2592.8	2610.5	2626.0	15.5	0.0	0.00	-	-	-	-	0.00	0.0	0.00
J-34	AVALON 1	2592.8	2639.8	2626.0	2673.0	47.0	0.5	0.01	0.15	1.00	0.19	3.13	0.07	1.6	0.00
J-34	Total BNA	2142.8	2639.8	2176.0	2673.0	497.0	47.0	0.09	0.18	0.22	0.16	116.01	8.27	5452.3	6.42
K-14	BEN NEVIS	2167.1	2306	2201	2340	138.87	0	0	-	-	-	-	0	0	0
K-14	UBN1	2306	2324	2340	2358	17.98	1	0.06	0.15	0.273	0.37	12.88	0.15	12.87	0.11
K-14	LBN1	2324	2341	2358	2375	16.98	5.24	0.31	0.15	0.279	0.46	47.08	0.78	246.9	0.56
K-14	LBN1 SS	2341	2372.4	2375	2406.5	31.47	25.97	0.83	0.21	0.104	0.09	939.62	5.41	24404.56	-
K-14	AVALON	2372.4	2385.4	2406.5	2419.5	12.99	0.75	0.06	0.07	-	0.78	158.65	0.05	118.86	-
K-14	AVALON 1 SS	2385.4	2393.4	2419.5	2427.5	7.99	3	0.38	0.17	-	0.2	56.33	0.51	168.8	-
K-14	AVALON 1	2393.4	2494.8	2427.5	2529	101.39	0	0	-	-	-	-	0	0	0
K-14	Total BNA	2167.1	2494.8	2201	2529	327.66	35.96	0.11	0.19	0.129	0.17	693.84	6.9	24951.99	5.43
K-18	BEN NEVIS	2174.7	2247.7	2205	2278	72.98	0	0	-	-	-	-	0	0	0
K-18	UBN1	2247.7	2291.7	2278	2322	43.99	14	0.32	0.16	0.221	0.36	40.06	2.23	560.76	1.74
K-18	LBN1	2291.7	2296.7	2322	2327	5	2	0.4	0.2	0.203	0.11	215.6	0.41	431.12	0.33
K-18	AVALON	2296.7	2297.7	2327	2328	1	0.25	0.25	0.17	0.485	0.41	37.75	0.04	9.44	0.02
K-18	AVALON 1 SS	2297.7	2308.7	2328	2339	11	3.25	0.3	0.17	0.383	0.32	56.62	0.55	183.98	0.34
K-18	AVALON 1	2308.7	2389.7	2339	2420	80.98	0.5	0.01	0.17	0.309	0.43	14.41	0.09	7.21	0.06
K-18	Total BNA	2174.7	2389.7	2205	2420	214.95	20	0.09	0.17	0.251	0.33	59.64	3.32	1192.49	2.49
O-35	BEN NEVIS	2024.6	2130.6	2049	2155	106	0	0	-	-	-	-	0	0	0
O-35	UBN1	2130.6	2169.1	2155	2193.5	38.5	17	0.44	0.22	0.073	0.11	151.01	3.66	2567.18	3.4
O-35	LBN3	2169.1	2221.6	2193.5	2246	52.5	26	0.5	0.17	0.178	0.19	44.08	4.5	1146.1	3.7
O-35	LBN3 SH	2221.6	2235.8	2246	2260.5	14.25	0	0	-	-	-	-	0	0	0
O-35	LBN2	2235.8	2283.1	2260.5	2307.5	47.25	26.75	0.57	0.2	0.151	0.21	294.7	5.37	7883.21	4.56
O-35	LBN1	2283.1	2284.8	2307.5	2309.5	1.75	1.25	0.71	0.18	0.138	0.31	31.34	0.23	39.17	0.2
O-35	LBN1 SS	2284.8	2293.6	2309.5	2318	8.75	4	0.46	0.17	0.244	0.1	33.78	0.67	135.12	0.51
O-35	AVALON	2293.6	2316.6	2318	2341	23	0	0	-	-	-	-	0	0	0
O-35	AVALON 1 SS	2316.6	2325.6	2341	2350	9	0	0	-	-	-	-	0	0	0

Well	Interval	Top TVDSS (m)	Base	TOP M	BASE M	GROSS M	NET M	N/G M/M	PHI V/V	SW V/V	VSH V/V	Perm MD	PHI-H (V/V)M	KH MDM	HC Pore Vol (V/V)M
O-35	AVALON 1	2325.6	2476.6	2350	2501	151	0	0	-	-	-	-	0	0	0
O-35	Total BNA	2024.6	2476.6	2049	2501	452	75	0.17	0.19	0.144	0.17	156.94	14.43	11770.78	12.36
P-15	BEN NEVIS	2276.7	2402.9	2293	2419.5	126.24	0	0	-	-	-	-	0	0	0
P-15	UBN1	2402.9	2415.2	2419.5	2431.5	12.25	5.75	0.47	0.17	0.207	0.23	37.36	1	214.79	0.79
P-15	LBN1	2415.2	2433.2	2431.5	2449.5	18	9.25	0.51	0.2	0.175	0.22	164.51	1.87	1521.68	1.54
P-15	AVALON	2433.2	2439.7	2449.5	2456	6.5	0	0	-	-	-	-	0	0	0
P-15	AVALON 1	2439.7	2487.7	2456	2504	48	0	0	-	-	-	-	0	0	0
P-15	Total BNA	2276.7	2487.7	2293	2504	210.98	15	0.07	0.19	0.186	0.23	115.77	2.87	1736.47	2.34
B-16_19Z	BEN NEVIS	2145.2	2266.2	3662	3973.5	121.02	0.52	0	0.2	0.479	0.36	420.7	0.11	217.5	0.05
B-16_19Z	UBN1	2266.2	2287.4	3973.5	4015	21.19	0.79	0.04	0.18	0.301	0.22	46.5	0.14	36.9	0.1
B-16_19Z	LBN2	2287.4	2319.5	4015	4073	32.13	6.39	0.2	0.19	0.264	0.19	151.7	1.19	969.2	0.88
B-16_19Z	LBN1	2319.5	2333.9	4073	4098	14.32	4.31	0.3	0.19	0.242	0.24	114.3	0.81	492.1	0.61
B-16_19Z	LBN1 SS	2333.9	2370.1	4098	4161	36.25	21.56	0.59	0.24	0.106	0.07	941.1	5.09	20292.3	4.55
B-16_19Z	AVALON	2370.1	2387.9	4161	4191	17.84	0.88	0.05	0.17	0.342	0.24	13.5	0.15	11.9	0.1
B-16_19Z	AVALON 1 SS	2387.9	2400.1	4191	4211	12.15	2.43	0.2	0.2	0.216	0.07	338.4	0.5	821.2	0.39
B-16_19Z	AVALON 1	2400.1	2514.5	4211	4384	114.42	1.69	0.01	0.15	0.818	0.19	8.1	0.26	13.7	0.05
B-16_19Z	Total BNA	2145.2	2514.5	3662	4384	369.31	38.56	0.1	0.21	0.184	0.12	592.6	8.24	22854.8	6.72
B-16_20Y	BEN NEVIS	2205.2	2459	4556	5349	253.77	0	0	-	-	-	-	0	0	0
B-16_20Y	UBN1	2459	2510.5	5349	5467	51.45	3.62	0.07	0.24	0.146	0.32	296.7	0.89	1075.5	0.76
B-16_20Y	LBN3	2510.5	2542.8	5467	5537.5	32.35	0	0	-	-	-	-	0	0	0
B-16_20Y	LBN2	2542.8	2640.8	5537.5	5745.5	97.95	5.63	0.06	0.22	0.218	0.45	146.3	1.26	823.4	0.99
B-16_20Y	LBN1	2640.8	2650.4	5745.5	5764	9.66	1.83	0.19	0.21	0.201	0.52	39	0.39	71.4	0.31
B-16_20Y	LBN1 SS	2650.4	2693.5	5764	5845.5	43.05	8.2	0.19	0.21	0.131	0.16	130.8	1.74	1072.5	1.51
B-16_20Y	AVALON	2693.5	2724.6	5845.5	5903.5	31.13	0	0	-	-	-	-	0	0	0
B-16_20Y	AVALON 1 SS	2724.6	2735.2	5903.5	5923	10.55	2.71	0.26	0.19	0.241	0.21	18.2	0.51	49.3	0.39
B-16_20Y	AVALON 1	2735.2	2894.2	5923	6199	159.07	1.09	0.01	0.2	0.329	0.42	11.3	0.22	12.3	0.15
B-16_20Y	Total BNA	2205.2	2894.2	4556	6199	688.98	23.08	0.03	0.22	0.181	0.3	134.5	5	3104.4	4.1
B-16_23	BEN NEVIS	2082.5	2191	3909	4107.5	108.47	0	0	-	-	-	-	0	0	0
B-16_23	UBN1	2191	2196.6	4107.5	4116.5	5.65	1.53	0.27	0.2	0.492	0.25	112.7	0.31	172.2	0.16
B-16_23	LBN2	2196.6	2253.7	4116.5	4208	57.06	14.69	0.26	0.21	0.426	0.28	328.6	3.11	4827.8	1.79
B-16_23	LBN1	2253.7	2265	4208	4225.5	11.34	0.97	0.09	0.18	0.325	0.38	6.3	0.17	6.1	0.12
B-16_23	LBN1 SS	2265	2302.5	4225.5	4283	37.51	22.5	0.6	0.26	0.236	0.15	1027.5	5.76	23123	4.4
B-16_23	AVALON	2302.5	2318.3	4283	4307	15.78	0	0	-	-	-	-	0	0	0
B-16_23	AVALON 1 SS	2318.3	2336.2	4307	4334	17.95	2.5	0.14	0.21	0.429	0.28	35.9	0.51	89.8	0.29
B-16_23	AVALON 1	2336.2	2479.6	4334	4540	143.37	4.31	0.03	0.114.01	0.484	0.17	992.1	491.4	4276	-
B-16_23	Total BNA	2082.5	2479.6	3909	4540	397.12	46.51	0.12	10.78	0.328	0.21	698.7	501.27	32494.9	7.14

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B-16_25	BEN NEVIS	2232.6	2364.7	3553.5	3936	132.15	0	0	-	-	-	-	0	0	0
B-16_25	UBN1	2364.7	2401.5	3936	4043	36.82	0	0	-	-	-	-	0	0	0
B-16_25	LBN2	2401.5	2449.9	4043	4182	48.4	1.38	0.03	0.18	0.202	0.65	21.9	0.25	30.4	0.2
B-16_25	LBN1	2449.9	2473.3	4182	4248	23.31	5.25	0.23	0.19	0.153	0.47	43.1	1.01	226.5	0.86
B-16_25	LBN1 SS	2473.3	2525	4248	4417	51.74	25.68	0.5	0.21	0.077	0.2	230.3	5.27	5914.3	4.87
B-16_25	AVALON	2525	2545	4417	4483	19.99	0	0	-	-	-	-	0	0	0
B-16_25	AVALON 1 SS	2545	2561.3	4483	4540	16.35	4.46	0.27	0.17	0.668	0.22	110	0.76	490.5	0.25
B-16_25	AVALON 1	2561.3	2587.1	4540	4635	25.75	0	0	-	-	-	-	0	0	0
B-16_25	Total BNA	2232.6	2587.1	3553.5	4635	354.52	36.78	0.1	0.2	0.154	0.26	181.1	7.3	6661.6	6.18
B-16_3	BEN NEVIS	2257.1	2367.9	2400.5	2532.5	110.79	0.84	0.01	0.18	0.502	0.47	36.6	0.15	30.7	0.08
B-16_3	UBN1	2367.9	2380	2532.5	2546.5	12.12	0	0	-	-	-	-	0	0	0
B-16_3	LBN1	2380	2411.2	2546.5	2583	31.15	15.79	0.51	0.22	0.182	0.36	317.1	3.5	5005.4	2.86
B-16_3	AVALON	2411.2	2417.4	2583	2590.5	6.2	0	0	-	-	-	-	0	0	0
B-16_3	AVALON 1 SS	2417.4	2424	2590.5	2598	6.64	5.14	0.77	0.2	0.29	0.29	91.6	1.03	470.8	0.73
B-16_3	AVALON 1	2424	2497	2598	2682	72.97	0	0	-	-	-	-	0	0	0
B-16_3	Total BNA	2257.1	2497	2400.5	2682	239.88	21.77	0.09	0.21	0.216	0.35	253	4.68	5507	3.66
B-16_32	BEN NEVIS	2095.6	2253.1	4284	4637	157.51	1.88	0.01	0.17	0.477	0.58	4.7	0.32	8.9	0.17
B-16_32	UBN1	2253.1	2275.8	4637	4674.5	22.69	3.36	0.15	0.21	0.381	0.37	242.1	0.7	812.9	0.43
B-16_32	LBN3	2275.8	2288.3	4674.5	4694.5	12.55	1.88	0.15	0.17	0.477	0.44	5.4	0.32	10.1	0.17
B-16_32	LBN3 SH	2288.3	2304	4694.5	4719	15.73	0.64	0.04	0.17	0.464	0.89	3.4	0.11	2.2	0.06
B-16_32	LBN2	2304	2382.6	4719	4831	78.6	28.16	0.36	0.21	0.369	0.5	309.8	5.94	8726.2	3.75
B-16_32	LBN1	2382.6	2393.4	4831	4845.5	10.77	4.28	0.4	0.22	0.214	0.58	342.6	0.93	1465	0.73
B-16_32	LBN1 SS	2393.4	2435.9	4845.5	4900.5	42.48	19.09	0.45	0.24	0.303	0.2	657.9	4.64	12560.2	3.23
B-16_32	AVALON	2435.9	2466.2	4900.5	4938	30.28	0.81	0.03	0.18	0.439	0.45	19.6	0.14	15.9	0.08
B-16_32	AVALON 1 SS	2466.2	2473.5	4938	4947	7.37	4.91	0.67	0.21	0.354	0.2	190.2	1.03	934.3	0.66
B-16_32	AVALON 1	2473.5	2583.9	4947	5077	110.4	4.21	0.04	0.18	0.596	0.57	20.2	0.75	84.9	0.3
B-16_32	Total BNA	2095.6	2583.9	4284	5077	488.37	69.22	0.14	0.21	0.356	0.4	355.7	14.88	24620.5	9.58
B-16_33	BEN NEVIS	2188.4	2262.1	2611	2760	73.61	0	0	-	-	-	-	0	0	0
B-16_33	UBN1	2262.1	2275.1	2760	2786	13.04	5.52	0.42	0.25	0.163	0.23	44.7	1.35	246.9	1.13
B-16_33	LBN1	2275.1	2279.1	2786	2794	4.01	2	0.5	0.24	0.135	0.03	57.5	0.48	115	0.42
B-16_33	AVALON	2279.1	2283.3	2794	2802.5	4.25	0	0	-	-	-	-	0	0	0
B-16_33	AVALON 1 SS	2283.3	2287.1	2802.5	2810	3.74	1.5	0.4	0.24	0.195	0.24	17	0.36	25.4	0.29
B-16_33	AVALON 1	2287.1	2315.2	2810	2866.5	28.14	0	0	-	-	-	-	0	0	0
B-16_33	Total BNA	2188.4	2315.2	2611	2866.5	126.78	9.02	0.07	0.24	0.162	0.19	42.9	2.2	387.3	1.84
B-16_39	BEN NEVIS	2238.3	2407.7	3012	3391.5	169.45	0	0	-	-	-	-	0	0	0
B-16_39	UBN1	2407.7	2445.3	3391.5	3474	37.57	13.21	0.35	0.2	0.168	0.57	543.6	2.64	7180.8	2.19
B-16_39	LBN1	2445.3	2450.9	3474	3486.5	5.62	2.47	0.44	0.19	0.128	0.15	247.1	0.48	611.6	0.42
B-16_39	AVALON	2450.9	2457	3486.5	3500	6.06	1.57	0.26	0.15	0.939	0.89	19.4	0.24	30.5	0.01

Well	Interval	Top TVDSS (m)	Base	TOP M	BASE M	GROSS M	NET M	N/G M/M	PHI V/V	SW V/V	VSH V/V	Perm MD	PHI-H (V/V)M	KH MDM	HC Pore Vol (V/V)M
B-16_39	AVALON 1 SS	2457	2462.8	3500	3513	5.78	3.56	0.62	0.17	0.225	0.72	190.5	0.62	678.3	0.48
B-16_39	AVALON 1	2462.8	2529.2	3513	3659	66.39	0	0	-	-	-	-	0	0	0
B-16_39	Total BNA	2238.3	2529.2	3012	3659	290.87	20.81	0.07	0.19	0.219	0.57	408.4	3.98	8501.1	3.11
B-16_46	BEN NEVIS	2283.9	2463.4	2970	3293	179.45	0	0	-	-	-	-	0	0	0
B-16_46	UBN1	2463.4	2489.9	3293	3341	26.5	0	0	-	-	-	-	0	0	0
B-16_46	LBN2	2489.9	2506.1	3341	3370	16.22	0	0	-	-	-	-	0	0	0
B-16_46	LBN1	2506.1	2523.1	3370	3400	16.96	0	0	-	-	-	-	0	0	0
B-16_46	LBN1 SS	2523.1	2561.3	3400	3466	38.26	8.43	0.22	0.2	0.183	0.18	46.4	1.7	391.5	1.39
B-16_46	AVALON	2561.3	2576.4	3466	3491	15.12	0	0	-	-	-	-	0	0	0
B-16_46	AVALON 1 SS	2576.4	2584.4	3491	3504	7.93	1.52	0.19	0.19	0.267	0.19	11.8	0.29	17.9	0.21
B-16_46	AVALON 1	2584.4	2613.2	3504	3550	28.82	0	0	-	-	-	-	0	0	0
B-16_46	Total BNA	2283.9	2613.2	2970	3550	329.28	9.95	0.03	0.2	0.195	0.18	41.1	1.99	409.4	1.6
B-16_47	BEN NEVIS	2248.6	2293.8	2866	2942.5	45.19	0	0	-	-	-	-	0	0	0
B-16_47	LBN1	2293.8	2308.6	2942.5	2967	14.75	0.3	0.02	0.22	0.232	0.47	7	0.07	2.1	0.05
B-16_47	LBN1 SS	2308.6	2343.1	2967	3024.5	34.57	8.12	0.23	0.23	0.135	0.24	328.6	1.89	2668	1.64
B-16_47	AVALON	2343.1	2355.2	3024.5	3044.5	12.09	0	0	-	-	-	-	0	0	0
B-16_47	AVALON 1 SS	2355.2	2362.2	3044.5	3056	6.95	2.72	0.39	0.19	0.184	0.13	25.5	0.52	69.4	0.42
B-16_47	AVALON 1	2362.2	2447.2	3056	3196.5	85	0	0	-	-	-	-	0	0	0
B-16_47	Total BNA	2248.6	2447.2	2866	3196.5	198.54	11.14	0.06	0.22	0.147	0.22	246	2.48	2739.5	2.11
B-16_48	BEN NEVIS	2083.9	2216.2	4568.5	5090.5	132.33	0	0	-	-	-	-	0	0	0
B-16_48	UBN1	2216.2	2306.5	5090.5	5475	90.3	0	0	-	-	-	-	0	0	0
B-16_48	BEN NEVIS (2)	2306.5	2502.8	5475	6069.5	196.31	0	0	-	-	-	-	0	0	0
B-16_48	UBN1 (2)	2502.8	2589.5	6069.5	6195.5	86.69	13.57	0.16	0.19	0.202	0.3	164.3	2.63	2228.9	2.1
B-16_48	LBN3	2589.5	2673.1	6195.5	6313.5	83.59	25.27	0.3	0.22	0.162	0.15	364.1	5.47	9198.6	4.58
B-16_48	LBN3 SH	2673.1	2683.3	6313.5	6328	10.17	0.7	0.07	0.19	0.427	0.6	39.7	0.13	27.8	0.07
B-16_48	BNA OW	2683.3	2683.5	6328	6328.5	0.18	0	0	-	-	-	-	0	0	0
B-16_48	LBN2	2683.5	2768.7	6328.5	6447.5	85.2	27.14	0.32	0.2	0.795	0.31	235.9	5.42	6402.9	1.11
B-16_48	LBN1	2768.7	2770.7	6447.5	6450	2.01	0.37	0.18	0.15	0.756	0.27	5.3	0.05	1.9	0.01
B-16_48	LBN1 SS	2770.7	2797.6	6450	6486.5	26.94	4.09	0.15	0.16	0.63	0.17	21.8	0.67	89.1	0.25
B-16_48	AVALON	2797.6	2825.5	6486.5	6523	27.88	1.89	0.07	0.18	0.593	0.33	25.2	0.33	47.5	0.13
B-16_48	AVALON 1 SS	2825.5	2836.6	6523	6537.5	11.1	0	0	-	-	-	-	0	0	0
B-16_48	AVALON 1	2836.6	2929.2	6537.5	6656	92.62	0	0	-	-	-	-	0	0	0
B-16_48	Total BNA	2083.9	2929.2	4568.5	6656	845.3	73.02	0.09	0.2	0.438	0.25	246.5	14.71	17996.7	8.27
B-16_50	BEN NEVIS	2151	2372.5	3258	3677	221.54	0	0	-	-	-	-	0	0	0
B-16_50	UBN1	2372.5	2398	3677	3725	25.5	1.59	0.06	0.15	0.477	0.71	7.9	0.25	12.6	0.13
B-16_50	LBN2	2398	2467.1	3725	3855	69.08	3.19	0.05	0.15	0.593	0.98	10.8	0.49	34.5	0.2
B-16_50	LBN1	2467.1	2478.3	3855	3875.5	11.13	4.21	0.38	0.16	0.445	0.8	23.4	0.68	98.3	0.38
B-16_50	LBN1 SS	2478.3	2522.8	3875.5	3955.5	44.57	25.65	0.58	0.2	0.118	0.34	205	5.2	5256.6	4.59

Well	Interval	Top TVDSS (m)	Base TVDSS (m)	TOP M	BASE M	GROSS M	NET M	N/G M/M	PHI V/V	SW V/V	VSH V/V	Perm MD	PHI-H (V/V)M	KH MDM	HC Pore Vol (V/V)M
B-16_50	AVALON	2522.8	2541.1	3955.5	3988	18.25	3.26	0.18	0.17	0.762	1.29	38.1	0.56	124	0.13
B-16_50	AVALON 1 SS	2541.1	2553.4	3988	4009.5	12.34	5.96	0.48	0.16	0.55	0.6	15.4	0.96	91.9	0.43
B-16_50	AVALON 1	2553.4	2610.2	4009.5	4108	56.77	4.58	0.08	0.2	0.625	1.03	305.2	-	1396.4	-
B-16_50	Total BNA	2151	2610.2	3258	4108	459.18	48.43	0.11	0.19	0.314	0.59	144.8	9.02	7014.3	6.19
B-16_52Z	UBN1	2227.2	2248.2	4259	4340	20.94	1.62	0.08	0.25	0.135	0.23	176.1	0.41	284.5	0.35
B-16_52Z	LBN3	2248.2	2251.9	4340	4355	3.68	0	0	-	-	-	-	0	0	0
B-16_52Z	LBN2	2251.9	2352.1	4355	4732	100.27	13.4	0.13	0.24	0.179	0.33	117.9	3.27	1579.5	2.69
B-16_52Z	LBN1	2352.1	2360.4	4732	4757	8.29	1.33	0.16	0.23	0.243	0.43	13.7	0.31	18.2	0.23
B-16_52Z	LBN1 SS	2360.4	2403.9	4757	4880	43.48	16.23	0.37	0.23	0.272	0.1	298.7	3.67	4849.4	2.67
B-16_52Z	AVALON	2403.9	2476	4880	5080	72.06	0.19	0	0.23	0.231	0.51	7.5	0.04	1.4	0.03
B-16_52Z	AVALON 1 SS	2476	2486.2	5080	5113	10.24	0	0	-	-	-	-	0	0	0
B-16_52Z	AVALON 1	2486.2	2602.4	5113	6014	116.19	0	0	-	-	-	-	0	0	0
B-16_52Z	BEN NEVIS	2602.4	2678.9	6014	6415	76.48	8.99	0.12	0.23	0.157	0.31	35.3	2.04	317	1.72
B-16_52Z	Total BNA	2227.2	2678.9	4259	6415	451.64	41.76	0.09	0.23	0.21	0.24	168.8	9.74	7050.1	7.7
B-16_53	BEN NEVIS	2376.6	2579.3	3634	3885.5	202.73	0	0	-	-	-	-	0	0	0
B-16_53	UBN1	2579.3	2608.2	3885.5	3918.5	28.96	1.32	0.05	0.24	0.129	0.29	115	0.31	151.6	0.27
B-16_53	LBN2	2608.2	2650	3918.5	3965.5	41.75	0	0	-	-	-	-	0	0	0
B-16_53	LBN1	2650	2665.1	3965.5	3982.5	15.1	0	0	-	-	-	-	0	0	0
B-16_53	LBN1 SS	2665.1	2699.5	3982.5	4020	34.43	5.02	0.15	0.2	0.171	0.16	30.6	0.99	153.3	0.82
B-16_53	AVALON	2699.5	2712.5	4020	4034	12.92	0	0	-	-	-	-	0	0	0
B-16_53	AVALON 1 SS	2712.5	2721.7	4034	4044	9.26	0	0	-	-	-	-	0	0	0
B-16_53	AVALON 1	2721.7	2820.4	4044	4149	98.64	0	0	-	-	-	-	0	0	0
B-16_53	Total BNA	2376.6	2820.4	3634	4149	443.8	6.33	0.01	0.2	0.161	0.19	48.1	1.3	304.9	1.09
B-16_59	BEN NEVIS	2293.29	2361.5	3515	3664	68.21	0.46	0.01	0.21	0.294	0.16	42.9	0.1	19.9	0.07
B-16_59	LBN1	2361.5	2375.79	3664	3693	14.29	3.69	0.26	0.2	0.348	0.25	18.3	0.75	67.5	0.49
B-16_59	LBN1 SS	2375.79	2409.44	3693	3758	33.65	17.52	0.52	0.22	0.165	0.1	377.1	3.9	6608	3.26
B-16_59	AVALON	2409.44	2425.65	3758	3787.5	16.2	1.37	0.08	0.2	0.285	0.02	141.1	0.28	193.6	0.2
B-16_59	AVALON 1 SS	2425.65	2430.6	3787.5	3796	4.95	0	0 -	-	-	-	-	0	0	0
B-16_59	AVALON 1	2430.6	2533.77	3796	3965	103.17	0	0 -	-	-	-	-	0	0	0
B-16_59	Total BNA	2293.29	2533.77	3515	3965	240.48	23.05	0.1	0.22	0.202	0.12	298.9	5.03	6888.9	4.01
B-44	BEN NEVIS	2329.7	2655.4	2402	2827.5	325.72	0	0	-	-	-	-	0	0	0
B-44	UBN1	2655.4	2758.1	2827.5	2954	102.72	16.64	0.16	0.19	0.366	0.36	136.8	3.22	2275.5	2.04
B-44	LBN3	2758.1	2827	2954	3038.5	68.9	33.04	0.48	0.21	0.275	0.22	192.6	6.88	6363.3	4.98
B-44	BNA OW	2827	2880	3038.5	3103	53	5.75	0.11	0.15	0.908	0.56	8.3	0.87	47.6	0.08
B-44	LBN3 SH	2880	2904.2	3103	3132.5	24.14	2.05	0.08	0.16	0.814	0.82	10.4	0.32	21.2	0.06
B-44	LBN2	2904.2	2998.7	3132.5	3248.5	94.59	37.07	0.39	0.2	0.861	0.25	276.2	7.56	10239.5	1.05
B-44	LBN1	2998.7	2999.4	3248.5	3249.5	0.61	0	0	-	-	-	-	0	0	0
B-44	LBN1 SS	2999.4	3033.9	3249.5	3291.5	34.55	9.82	0.28	-	-	0.5	981.1	-	9631.2	-

Well	Interval	Top TVDSS (m)	Base	TOP M	BASE M	GROSS M	NET M	N/G M/M	PHI V/V	SW V/V	VSH V/V	Perm MD	PHI-H (V/V)M	KH MDM	HC Pore Vol (V/V)M
B-44	AVALON	3033.9	3051.1	3291.5	3312.5	17.15	0	0	-	-	-	-	0	0	0
B-44	AVALON 1 SS	3051.1	3062.5	3312.5	3326.5	11.41	0	0	-	-	-	-	0	0	0
B-44	AVALON 1	3062.5	3267.6	3326.5	3582	205.09	0	0	-	-	-	-	0	0	0
B-44	Total BNA	2329.7	3267.6	2402	3582	937.87	104.36	0.11	0.2	0.564	0.31	273.8	18.85	28578.3	8.21

Pay Summary Specification: wns_bna_3md_phit_1524_lump

Primary reference for reporting and sample control: TVDSS

Cutoff details:-

PERM >= 3 MD

Lumping details:-

Standalone Minimum Thickness: 0.1524 METRES

Include Minimum Thickness: 0.1524 METRES

Maximum Separation: 0.1524 METRES

Well	Interval	TVDSS_TOP METRES	TVDSS_BASE METRES	NCE METRES	DEPNCE METRES	DEPT METRES	GROSS METRES	NET METRES	NET_TO_GROSS M/M	PHIT_BNA_AV V/V	SWT_BNA_AV V/V	'SH_BNA_AI V/V	PERM_AM MD	PHIT_BNAH (V/V)M	PERMH MDM	HVOLH (V/V)M
B-16_25Y	UBN1	2435	2478	3684	3792	42.96	11.53	0.27	0.23	0.101	0.25	156.2	2.654	1801.4	2.38	
B-16_25Y	LBN1	2478	2485.1	3792	3810	7.18	1.8	0.25	0.198	0.088	0.1	36.9	0.356	66.3	0.32	
B-16_25Y	AVALON	2485.1	3139.5	3810	5112	654.36	2.39	0	0.214	0.197	0.25	59.7	0.51	142.4	0.41	
B-16_25Y	-	2435	3139.5	3684	5112	704.5	15.71	0.02	0.224	0.114	0.23	127.9	3.52	2010.1	3.12	

Pay Summary Specification: wns_bna_3md_phie_1524_lump

Primary reference for reporting and sample control: TVDSS

Cutoff details:-

PERM >= 3 MD

Lumping details:-

Standalone Minimum Thickness: 0.1525 METRES

Include Minimum Thickness: 0.1524 METRES

Maximum Separation: 0.1524 METRES

Well	Interval	TVDSS_TOP METRES	TVDSS_BASE METRES	NCE METRES	DEPNCE METRES	DEPT METRES	GROSS METRES	NET METRES	NET_TO_GROSS M/M	PHIE_BNA_AV V/V	SWE_BNA_AV V/V	'SH_BNA_AI V/V	PERM_AM MD	PHIE_BNAH (V/V)M	PERMH MDM	HVOLH (V/V)M
B-16_25Y	UBN1	2435	2478	3684	3792	42.96	11.53	0.27	0.192	0.061	0.25	156.19	2.218	1801.38	2.08	
B-16_25Y	LBN1	2478	2485.1	3792	3810	7.18	1.8	0.25	0.184	0.054	0.1	36.91	0.33	66.29	0.31	
B-16_25Y	AVALON	2485.1	3139.5	3810	5112	654.36	2.39	0	0.177	0.089	0.25	59.71	0.422	142.41	0.38	
B-16_25Y	-	2435	3139.5	3684	5112	704.5	15.71	0.02	0.189	0.064	0.23	127.92	2.969	2010.08	2.78	

Pay Summary Specification: wns_25_sw_cp_phit_3md

Primary reference for reporting and sample control: TVDSS

Cutoff details:-

PERM >= 3 MD

Lumping details:-

Standalone Minimum Thickness: 0.1524 METRES

Well	Interval	Top TVDSS (m)	Base	TOP M	BASE M	GROSS M	NET M	N/G M/M	PHI V/V	SW V/V	VSH V/V	Perm MD	PHI-H (V/V)M	KH MDM	HC Pore Vol (V/V)M
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Include Minimum Thickness: 0.1524 METRES

Maximum Separation: 0.1524 METRES

Well	Interval	TVDSS_TOP METRES	TVDSS_BASE METRES	NCE METRES	DEPNCE METRES	DEPT METRES	GROSS METRES	NET METRES	NET_TO_GROSS M/M	PHIT_BNA_AV V/V	SW_CPWNS_AV V/V	PERM_AM MD	PHIT_BNAH (V/V)M	PERMH MDM
B-16_25Y	UBN1	2435	2478	3684	3792	42.957	11.533	0.268	0.23	0.289	156.2	2.654	1801.4	
B-16_25Y	LBN1	2478	2485.1	3792	3810	7.184	1.796	0.25	0.198	0.299	36.9	0.356	66.3	
B-16_25Y	AVALON	2485.1	3139.5	3810	5112	654.36	2.385	0.004	0.214	0.361	59.7	0.51	142.4	
B-16_25Y	-	2435	3139.5	3684	5112	704.502	15.714	0.022	0.224	0.3	127.9	3.52	2010.1	

Pay Summary Specification: wns_bna_3md_phie_dn_1524_lump

Primary reference for reporting and sample control: TVDSS

Cutoff details:-

K_BNA_SWITCH_DN >= 3

Lumping details:-

Standalone Minimum Thickness: 0.1524 METRES

Include Minimum Thickness: 0.1524 METRES

Maximum Separation: 0.1524 METRES

Well	Interval	TVDSS_TOP METRES	TVDSS_BASE METRES	NCE METRES	DEPNCE METRES	DEPT METRES	GROSS METRES	NET METRES	NET_TO_GROSS M/M	PHIE_DN_AV V/V	SWT_BNA_AV V/V	'SH_BNA_AI_SWITCH_ V/V	PHIE_DNH md	HVOLH (V/V)M	IA_SWITCH_I mdM
B-16_25Y	UBN1	2435	2478	3684	3792	42.96	19.28	0.45	0.205	0.141	0.32	167.6	3.954	3.4	3232
B-16_25Y	LBN1	2478	2485.1	3792	3810	7.18	3.19	0.44	0.197	0.105	0.17	109.1	0.63		348.4
B-16_25Y	AVALON	2485.1	3139.5	3810	5112	654.36	4.58	0.01	0.207	0.225	0.32	167.7	0.945	0.49	767.2
B-16_25Y	-	2435	3139.5	3684	5112	704.5	27.05	0.04	0.204	0.148	0.3	160.7	5.528	4.37	4347.6