

CORE LOG SAMPLE CHEMICAL ANALYSIS AND SPECIFIC GRAVITY RESULTS, SIMAR BLOCK

BH ID	FROM	TO	THICKNESS	LITHOLOGY	SAMPLE CODE	LAB REF. NO.	SiO2(%)	Al2O3(%)	Fe2O3(%)	TiO2(%)	CaO(%)	MgO(%)	Na2O(%)	K2O(%)	P2O5 (%)	MnO(%)	SO3(%)	LOI	TOTAL	SP. GR.
SBH-1	0.00	0.15	0.15	topsoil																
SBH-1	0.15	1.00	0.85	Limestone [Cement Grade (blendable/beneficial, portland)]	SBH-1/01	C/D/25-26/937	5.37	1.38	0.90	0.14	49.82	1.55	0.47	0.22	0.11	0.01	0.14	39.63	99.74	
SBH-1	1.00	2.00	1.00	Limestone [Cement Grade (blendable/beneficial, portland)]	SBH-1/02	C/D/25-26/938	3.63	0.90	0.63	0.08	52.01	1.36	0.38	0.15	0.09	0.00	0.12	40.41	99.76	
SBH-1	2.00	3.00	1.00	Limestone [Cement Grade (blendable/beneficial, portland)]	SBH-1/03	C/D/25-26/939	4.11	0.83	2.16	0.07	50.17	1.18	0.08	0.05	0.05	0.00	0.04	40.59	99.33	
SBH-1	3.00	4.00	1.00	Limestone [Cement Grade (blendable/beneficial, portland)]	SBH-1/04	C/D/25-26/940	3.07	0.98	0.58	0.07	52.72	1.43	0.43	0.15	0.11	0.01	0.14	39.93	99.62	
SBH-1	4.00	5.00	1.00	Limestone [Cement Grade (blendable/beneficial, portland)]	SBH-1/05	C/D/25-26/941	2.82	0.82	0.56	0.06	52.52	1.35	0.47	0.15	0.11	0.01	0.14	40.58	99.59	2.68
SBH-1	5.00	5.68	0.68	Limestone [Cement Grade (blendable/beneficial, portland)]	SBH-1/06	C/D/25-26/942	2.44	0.68	0.56	0.07	52.39	1.35	0.47	0.16	0.12	0.01	0.16	41.15	99.56	
SBH-1	5.68	7.30	1.62	Clay	SBH-1/07	C/D/25-26/943	42.90	11.47	9.58	2.17	8.17	3.44	1.38	3.69	0.19	0.02	0.06	16.20	99.27	
SBH-1	7.30	8.25	0.95	trap	SBH-1/08	C/D/25-26/944	48.82	10.95	11.66	2.68	4.70	3.95	1.54	3.93	0.19	0.01	0.06	11.30	99.79	
SBH-2	0.00	0.22	0.22	topsoil																
SBH-2	0.22	1.48	1.26	Clay	SBH-2/01	C/D/25-26/945	39.71	8.87	6.24	1.75	13.06	3.63	2.87	2.75	0.21	0.01	0.08	21.02	100.20	
SBH-2	1.48	2.00	0.52	Limestone [Cement Grade (blendable/beneficial, portland)]	SBH-2/02	C/D/25-26/946	5.00	1.17	0.85	0.11	48.31	3.24	0.72	0.18	0.08	0.01	0.00	40.08	99.75	
SBH-2	2.00	3.00	1.00	Limestone [Cement Grade (blendable/beneficial, portland)]	SBH-2/03	C/D/25-26/947	5.84	2.07	0.74	0.09	47.07	2.86	0.75	0.15	0.07	0.01	0.11	40.00	99.76	
SBH-2	3.00	4.24	1.24	Limestone [Cement Grade (blendable/beneficial, portland)]	SBH-2/04	C/D/25-26/948	12.48	3.83	2.29	0.14	41.63	2.86	0.09	0.07	0.03	0.00	0.04	36.35	99.81	2.72
SBH-2	4.24	6.00	1.76	Clay	SBH-2/05	C/D/25-26/949	38.20	10.65	8.82	1.26	12.84	11.48	2.75	0.83	0.06	0.09	0.08	12.78	99.84	
SBH-2	6.00	7.00	1.00	Clay	SBH-2/06	C/D/25-26/950	42.15	11.51	4.41	0.55	14.12	7.64	0.14	0.14	0.02	0.00	0.02	18.40	99.10	
SBH-2	7.00	7.72	0.72	Marl	SBH-2/07	C/D/25-26/951	32.77	8.82	6.46	0.90	25.61	10.31	2.46	0.61	0.08	0.07	0.10	11.69	99.88	
SBH-2	7.72	9.00	1.28	trap	SBH-2/08	C/D/25-26/952	34.99	11.22	7.31	1.01	16.74	11.01	4.31	0.63	0.11	0.13	0.00	12.41	99.87	
SBH-2	9.00	10.00	1.00	trap	SBH-2/09	C/D/25-26/953	35.01	8.58	7.40	1.03	18.19	11.06	4.41	0.71	0.11	0.10	0.00	13.12	99.72	
SBH-3	0.00	0.10	0.10	topsoil																
SBH-3	0.10	2.00	1.90	Clay	SBH-3/01	C/D/25-26/954	35.52	8.42	7.42	1.08	12.09	13.58	5.33	0.82	0.11	0.08	0.00	15.19	99.64	
SBH-3	2.00	4.00	2.00	Clay	SBH-3/02	C/D/25-26/955	36.73	8.58	7.51	1.18	16.91	11.83	3.92	1.01	0.14	0.07	0.10	11.68	99.66	
SBH-3	4.00	6.00	2.00	Clay	SBH-3/03	C/D/25-26/956	34.44	10.73	7.51	1.04	16.62	11.53	5.15	0.83	0.14	0.21	0.07	11.61	99.88	
SBH-3	6.00	7.00	1.00	trap	SBH-3/04	C/D/25-26/957	36.09	8.63	8.34	1.14	15.73	12.47	5.89	0.82	0.14	0.60	0.00	9.97	99.82	
SBH-4	0.00	0.35	0.35	topsoil																
SBH-4	0.35	2.00	1.65	Clay	SBH-4/01	C/D/25-26/958	39.10	9.60	8.91	1.29	11.31	13.08	3.78	0.76	0.10	0.10	0.09	11.60	99.72	
SBH-4	2.00	4.00	2.00	Clay	SBH-4/02	C/D/25-26/959	37.28	9.31	8.11	1.11	15.55	12.62	0.00	0.78	0.11	0.07	0.09	14.79	99.82	
SBH-4	4.00	6.00	2.00	Clay	SBH-4/03	C/D/25-26/960	36.25	8.50	7.35	1.00	15.68	10.59	2.37	1.08	0.14	0.06	0.08	16.64	99.74	
SBH-4	6.00	7.00	1.00	Marl	SBH-4/04	C/D/25-26/961	25.22	6.29	3.28	0.52	26.23	6.97	1.51	0.98	0.21	0.03	0.10	28.37	99.71	
SBH-4	7.00	8.00	1.00	Limestone [Cement Grade (blendable/beneficial, portland)]	SBH-4/05	C/D/25-26/962	11.92	2.69	1.44	0.23	42.10	3.68	0.88	0.46	0.12	0.02	0.13	35.98	99.65	
SBH-4	8.00	9.00	1.00	Limestone [Cement Grade (blendable/beneficial, portland)]	SBH-4/06	C/D/25-26/963	12.83	3.55	2.35	0.13	43.29	3.09	0.11	0.08	0.10	0.00	0.05	33.95	99.53	
SBH-4	9.00	10.00	1.00	Marl	SBH-4/07	C/D/25-26/964	20.80	4.43	3.91	0.52	35.08	5.57	1.96	0.67	0.14	0.05	0.11	26.51	99.75	2.69