

CORE LOG SAMPLE CHEMICAL ANALYSIS AND SPECIFIC GRAVITY RESULTS, BOLAS 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.
BLBH-1	0.00	0.62	0.62	topsoil																
BLBH-1	0.62	1.00	0.38	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-1/01	C/D/25-26/860	14.13	5.59	2.38	0.28	41.11	1.93	0.05	0.18	0.05	0.00	0.05	33.96	99.71	
BLBH-1	1.00	1.28	0.28	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-1/02	C/D/25-26/861	3.21	2.05	6.98	0.11	50.06	1.07	0.00	0.17	0.21	0.06	0.09	35.92	99.93	
BLBH-1	1.28	2.00	0.72	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-1/03	C/D/25-26/862	9.71	4.05	2.26	0.19	46.26	1.56	0.05	0.13	0.04	0.00	0.03	36.12	100.40	
BLBH-1	2.00	3.00	1.00	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-1/04	C/D/25-26/863	15.99	6.08	2.41	0.32	40.12	2.00	0.05	0.21	0.01	0.00	0.03	32.34	99.56	
BLBH-1	3.00	4.00	1.00	Clay	BLBH-1/05	C/D/25-26/864	38.10	14.73	3.53	0.78	19.74	3.59	0.04	0.39	0.01	0.00	0.02	19.32	100.25	
BLBH-1	4.00	5.00	1.00	Clay	BLBH-1/06	C/D/25-26/865	42.18	14.68	3.69	0.79	16.23	3.79	0.04	0.43	0.03	0.00	0.02	18.24	100.12	
BLBH-1	5.00	6.00	1.00	Clay	BLBH-1/07	C/D/25-26/866	46.59	12.03	5.01	0.75	12.83	5.38	0.00	2.61	0.08	0.00	0.04	14.03	99.35	
BLBH-1	6.00	6.48	0.48	Clay	BLBH-1/08	C/D/25-26/867	43.60	14.55	4.77	0.79	14.40	4.00	0.04	0.50	0.04	0.00	0.02	16.92	99.63	
BLBH-1	6.48	7.00	0.52	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-1/09	C/D/25-26/868	22.61	6.75	3.19	0.41	34.90	2.44	0.05	0.27	0.14	0.00	0.02	28.74	99.52	
BLBH-1	7.00	8.00	1.00	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-1/10	C/D/25-26/869	24.55	7.67	3.06	0.50	34.07	2.23	0.05	0.22	0.09	0.00	0.02	27.47	99.93	
BLBH-1	8.00	10.00	2.00	Clay	BLBH-1/11	C/D/25-26/870	46.26	15.53	5.28	1.29	12.24	3.58	0.05	0.46	0.04	0.00	0.02	14.62	99.37	
BLBH-1	10.00	11.00	1.00	Clay	BLBH-1/12	C/D/25-26/871	47.52	12.85	10.89	1.20	8.15	4.45	0.86	2.36	0.12	0.06	0.00	11.38	99.84	
BLBH-1	11.00	13.00	2.00	Clay	BLBH-1/13	C/D/25-26/872	55.38	19.91	4.97	1.63	3.15	4.43	0.05	0.54	0.03	0.00	0.02	8.92	99.03	
BLBH-1	13.00	15.00	2.00	Clay	BLBH-1/14	C/D/25-26/873	56.40	18.53	4.70	1.39	4.01	4.42	0.06	0.55	0.04	0.00	0.02	9.15	99.27	
BLBH-1	15.00	16.00	1.00	Clay	BLBH-1/15	C/D/25-26/874	54.57	16.70	8.79	0.76	3.76	1.76	0.46	2.04	0.13	0.01	0.05	10.41	99.44	
BLBH-2	0.00	0.10	0.10	topsoil																
BLBH-2	0.10	0.85	0.75	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-2/01	C/D/25-26/875	7.34	2.08	2.06	0.14	48.86	1.37	0.05	0.11	0.02	0.00	0.05	38.38	100.46	
BLBH-2	0.85	2.00	1.15	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-2/02	C/D/25-26/876	11.70	3.58	2.64	0.24	43.99	1.52	0.04	0.15	0.01	0.00	0.03	35.19	99.09	
BLBH-2	2.00	3.10	1.10	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-2/03	C/D/25-26/877	8.58	3.02	2.18	0.18	46.85	1.21	0.04	0.11	0.00	0.00	0.03	36.94	99.14	
BLBH-2	3.10	4.00	0.90	Clay	BLBH-2/04	C/D/25-26/878	43.39	12.35	4.87	0.62	16.31	0.94	0.46	0.91	0.06	0.00	0.06	19.17	99.14	
BLBH-2	4.00	5.00	1.00	Marl	BLBH-2/05	C/D/25-26/879	26.76	9.32	4.23	0.65	30.39	3.23	0.46	1.40	0.07	0.04	0.04	23.28	99.87	
BLBH-2	5.00	6.00	1.00	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-2/06	C/D/25-26/880	17.53	5.20	2.36	0.36	39.84	1.65	0.04	0.17	0.04	0.00	0.02	32.09	99.30	
BLBH-2	6.00	7.00	1.00	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-2/07	C/D/25-26/881	16.91	4.03	2.34	0.39	41.19	1.79	0.05	0.17	0.05	0.00	0.02	32.65	99.59	
BLBH-2	7.00	8.00	1.00	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-2/08	C/D/25-26/882	11.16	3.15	2.27	0.26	44.80	1.49	0.05	0.59	0.14	0.08	0.02	35.05	99.06	
BLBH-2	8.00	8.40	0.40	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-2/09	C/D/25-26/883	9.61	3.12	2.44	0.22	45.84	1.38	0.12	0.46	0.15	0.11	0.04	36.49	99.98	

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BLBH-2	8.40	10.00	1.60	Clay	BLBH-2/10	C/D/25-26/884	37.81	11.32	6.07	0.82	17.87	4.26	0.58	1.84	0.12	0.06	0.00	19.18	99.93	
BLBH-3	0.00	0.48	0.48	topsoil																
BLBH-3	0.48	1.00	0.52	Limestone [Cement Grade (blendable/beneficial, portland)]	BLBH-3/01	C/D/25-26/885	5.53	2.37	0.90	0.10	49.27	1.25	0.14	0.28	0.11	0.01	0.08	39.88	99.92	
BLBH-3	1.00	2.00	1.00	Limestone [Cement Grade (blendable/beneficial, portland)]	BLBH-3/02	C/D/25-26/886	5.72	1.92	0.99	0.10	50.18	1.26	0.00	0.28	0.10	0.01	0.06	39.29	99.91	
BLBH-3	2.00	3.00	1.00	Limestone [Cement Grade (blendable/beneficial, portland)]	BLBH-3/03	C/D/25-26/887	5.64	1.98	0.93	0.11	50.66	1.22	0.11	0.30	0.09	0.01	0.00	38.87	99.92	2.70
BLBH-3	3.00	4.00	1.00	Limestone [Cement Grade (blendable/beneficial, portland)]	BLBH-3/04	C/D/25-26/888	9.00	2.96	1.20	0.16	48.00	1.46	0.18	0.53	0.05	0.02	0.00	36.39	99.95	
BLBH-3	4.00	5.00	1.00	Limestone [Cement Grade (blendable/beneficial, portland)]	BLBH-3/05	C/D/25-26/889	11.14	3.76	1.32	0.17	45.11	1.69	0.20	0.64	0.03	0.02	0.03	35.88	99.99	
BLBH-3	5.00	6.00	1.00	Marl	BLBH-3/06	C/D/25-26/890	26.11	7.57	2.92	0.33	30.85	3.52	0.54	1.54	0.05	0.01	0.04	26.47	99.95	
BLBH-3	6.00	7.00	1.00	Clay	BLBH-3/07	C/D/25-26/891	48.23	14.97	5.74	0.75	7.48	6.15	1.10	3.12	0.07	0.04	0.00	12.26	99.91	
BLBH-3	7.00	8.00	1.00	Marl	BLBH-3/08	C/D/25-26/892	31.13	9.59	3.93	0.42	24.53	3.87	0.74	2.20	0.07	0.02	0.04	23.42	99.96	
BLBH-3	8.00	8.55	0.55	Marl	BLBH-3/09	C/D/25-26/893	33.15	10.42	4.36	0.56	23.07	4.25	0.00	2.27	0.07	0.03	0.04	21.03	99.25	
BLBH-3	8.55	10.00	1.45	Clay	BLBH-3/10	C/D/25-26/894	42.86	17.21	5.67	0.73	9.59	5.27	0.90	2.91	0.08	0.04	0.04	14.61	99.91	
BLBH-4	0.00	0.26	0.26	topsoil																
BLBH-4	0.26	1.20	0.94	Limestone [Cement Grade (blendable/beneficial, portland)]	BLBH-4/01	C/D/25-26/895	16.30	4.28	2.49	0.22	41.86	1.40	0.04	0.13	0.00	0.00	0.02	32.30	99.04	
BLBH-4	1.20	2.00	0.80	Limestone [Cement Grade (blendable/beneficial, portland)]	BLBH-4/02	C/D/25-26/896	10.97	3.99	1.87	0.27	46.79	1.97	0.00	0.57	0.06	0.03	0.11	33.18	99.81	
BLBH-4	2.00	2.80	0.80	Marl	BLBH-4/03	C/D/25-26/897	29.43	7.91	3.53	0.45	28.61	3.71	0.42	1.52	0.05	0.02	0.00	24.30	99.95	
BLBH-4	2.80	4.00	1.20	Limestone [Cement Grade (blendable/beneficial, portland)]	BLBH-4/04	C/D/25-26/898	15.04	3.92	1.82	0.21	43.70	1.79	0.18	0.67	0.02	0.02	0.00	32.58	99.95	
BLBH-4	4.00	5.00	1.00	Limestone [Cement Grade (blendable/beneficial, portland)]	BLBH-4/05	C/D/25-26/899	21.04	6.08	2.38	0.33	38.11	1.62	0.04	0.18	0.00	0.00	0.02	29.56	99.36	
BLBH-4	5.00	6.00	1.00	Marl	BLBH-4/06	C/D/25-26/900	39.24	8.44	3.13	0.56	25.68	2.83	0.00	1.12	0.04	0.03	0.00	18.60	99.67	
BLBH-4	6.00	6.73	0.73	Marl	BLBH-4/07	C/D/25-26/901	36.33	11.15	4.00	0.55	24.77	2.98	0.38	1.21	0.05	0.03	0.04	18.44	99.93	2.66
BLBH-4	6.73	7.65	0.92	Limestone [Cement Grade (blendable/beneficial, portland)]	BLBH-4/08	C/D/25-26/902	26.48	6.70	2.73	0.38	34.44	2.73	0.31	1.17	0.04	0.04	0.00	24.91	99.93	
BLBH-4	7.65	8.00	0.35	Limestone [Cement Grade (blendable/beneficial, portland)]	BLBH-4/09	C/D/25-26/903	18.71	6.18	1.86	0.26	39.81	1.85	0.25	0.77	0.03	0.08	0.03	30.09	99.92	
BLBH-4	8.00	8.59	0.59	Limestone [Cement Grade (blendable/beneficial, portland)]	BLBH-4/10	C/D/25-26/904	12.91	4.46	1.71	0.19	45.60	1.52	0.18	0.59	0.02	0.05	0.00	32.73	99.96	
BLBH-4	8.59	10.64	2.05	Limestone [Cement Grade (blendable/beneficial, portland)]	BLBH-4/11	C/D/25-26/905	14.58	4.02	2.30	0.16	42.55	1.44	0.05	0.12	0.01	0.00	0.02	33.75	99.00	
BLBH-4	10.64	11.55	0.91	Clay	BLBH-4/12	C/D/25-26/906	41.67	11.23	4.57	0.64	16.79	5.18	0.61	2.62	0.07	0.05	0.00	16.48	99.91	
BLBH-4	11.55	12.39	0.84	Limestone [Cement Grade (blendable/beneficial, portland)]	BLBH-4/13	C/D/25-26/907	10.53	3.80	1.34	0.13	46.59	1.64	0.24	0.69	0.04	0.09	0.03	34.84	99.96	
BLBH-4	12.39	13.40	1.01	Limestone [Cement Grade (blendable/beneficial, portland)]	BLBH-4/14	C/D/25-26/908	21.27	5.48	2.72	0.32	34.59	2.78	0.28	1.35	0.05	0.05	0.00	31.04	99.93	

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BLBH-4	13.40	15.00	1.60	Clay	BLBH-4/15	C/D/25-26/909	49.11	13.30	5.36	0.75	8.77	6.66	0.96	3.45	0.13	0.04	0.00	11.30	99.83	
BLBH-5	0.00	0.30	0.30	topsoil																
BLBH-5	0.30	1.00	0.70	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-5/01	C/D/25-26/910	6.82	3.77	1.33	0.17	48.60	1.58	0.13	0.47	0.09	0.02	0.06	36.92	99.96	
BLBH-5	1.00	1.50	0.50	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-5/02	C/D/25-26/911	6.47	2.14	1.06	0.13	51.06	1.27	0.12	0.35	0.06	0.01	0.00	37.26	99.93	
BLBH-5	1.50	2.38	0.88	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-5/03	C/D/25-26/912	12.13	3.82	1.38	0.20	45.38	1.67	0.00	0.61	0.04	0.02	0.05	34.54	99.84	
BLBH-5	2.38	3.00	0.62	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-5/04	C/D/25-26/913	14.64	4.49	1.74	0.23	43.65	1.78	0.00	0.77	0.03	0.03	0.04	32.43	99.83	
BLBH-5	3.00	4.00	1.00	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-5/05	C/D/25-26/914	12.09	3.49	1.49	0.18	47.19	1.51	0.00	0.67	0.03	0.04	0.03	33.15	99.87	2.71
BLBH-5	4.00	5.00	1.00	Clay	BLBH-5/06	C/D/25-26/915	44.51	13.33	5.53	0.79	13.41	4.50	0.00	2.51	0.06	0.02	0.03	14.83	99.52	
BLBH-5	5.00	6.00	1.00	Clay	BLBH-5/07	C/D/25-26/916	53.83	19.65	4.68	0.52	5.92	3.47	0.05	0.40	0.00	0.00	0.01	10.67	99.20	
BLBH-5	6.00	8.00	2.00	Clay	BLBH-5/08	C/D/25-26/917	57.76	20.87	5.41	0.58	2.28	3.73	0.06	0.43	0.01	0.00	0.02	8.35	99.50	
BLBH-5	8.00	10.28	2.28	Clay	BLBH-5/09	C/D/25-26/918	49.34	17.47	9.15	1.88	1.68	1.57	0.56	9.82	0.15	0.01	0.06	8.43	100.12	
BLBH-5	10.28	11.00	0.72	Marl	BLBH-5/10	C/D/25-26/919	26.46	7.91	2.60	0.18	33.06	1.84	0.05	0.22	0.03	0.00	0.02	27.80	100.17	
BLBH-5	11.00	12.00	1.00	Marl	BLBH-5/11	C/D/25-26/920	38.68	9.53	3.44	0.59	23.44	3.17	0.57	1.64	0.07	0.05	0.05	18.67	99.90	
BLBH-5	12.00	12.78	0.78	Clay	BLBH-5/12	C/D/25-26/921	45.44	10.65	3.84	0.68	18.41	3.31	0.51	1.59	0.06	0.03	0.07	15.33	99.92	
BLBH-5	12.78	13.10	0.32	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-5/13	C/D/25-26/922	24.71	5.81	2.44	0.55	35.55	1.40	0.48	0.14	0.00	0.00	0.02	28.06	99.16	
BLBH-5	13.10	14.00	0.90	Marl	BLBH-5/14	C/D/25-26/923	29.09	7.11	3.70	0.46	31.86	2.83	0.00	1.26	0.05	0.04	0.06	23.26	99.72	
BLBH-5	14.00	15.00	1.00	Limestone [Cement Grade (blendable/beneficiaible, portland)]	BLBH-5/15	C/D/25-26/924	13.94	3.88	2.31	0.10	43.80	1.84	0.49	0.10	0.01	0.00	0.02	32.75	99.24	
BLBH-5	15.00	16.00	1.00	Clay	BLBH-5/16	C/D/25-26/925	56.78	9.58	3.44	0.71	14.69	3.27	0.00	1.57	0.05	0.04	0.04	9.20	99.37	
BLBH-5	16.00	17.00	1.00	Clay	BLBH-5/17	C/D/25-26/926	63.75	11.53	2.91	0.64	8.66	3.00	1.02	1.45	0.05	0.02	0.04	6.78	99.85	