

	Depth of test (m)	Rock Description (note planes of weakness)	Lithology	Faulting	plunge	depth to sed	height above base	Moisture Condition (1)	L (mm)	D (2) mm	GP	I _s MPa	F	Frevised	I _{u50} (3) MPa	I _s (50) revised	Strength Classification	Strength Revised	W mm	D (2) mm	D _u mm ²	GP	I _s MPa	F	I _{u50} (3) MPa	Strength Classification	HQ _u H ₃ diametral	N ₅₀ diametral	HQ _u H ₃ axial	N ₅₀ axial	Notes and Sketch of Failed Sample:				
BB10-1	1.45	Dol. 10" Jt	dolerite	fault	55	74.85	60.1		60	63.5	1	32	7.936016	1.27	1.113555	10.07874	8.84	R6									1								
BB10-1	2.8	Dol. 2" Jt	dolerite	fault	55	74.85	59.0				0									63.5	56.5	4568.2	1.45	0.317412	1.145265		NA					Failed on 2" Jt			
BB10-1	6	Dolerite	dolerite	fault	55	74.85	56.4		55	50.6	0	9.75	3.808058	1.012	1.005382	3.853755		R4	NA													Invalid			
BB10-1	6	Dolerite	dolerite	fault	55	74.85	56.4				0									50.6	44	2834.824	14.03	4.949161	1.028684		NA					Invalid			
BB10-1	20.6	Dol. C.A. Jts	dolerite	fault	55	74.85	44.4		51	50.6	0	5.26	2.054399	1.012	1.005382	2.079051		R4	NA								1					Failed on Jts			
BB10-1	20.6	Dol. C.A. Jts	dolerite	fault	55	74.85	44.4				0									50.6	47.5	3060.322	3.37	1.101191	1.046553		NA						Failed on Jts		
BB10-1	26.6	Dolerite	dolerite	fault	55	74.85	39.5		67	50.6	0	11.25	4.393913	1.012	1.005382	4.44664	4.42	R5										1				Valid			
BB10-1	26.6	Dolerite	dolerite	fault	55	74.85	39.5				0									50.6	44	2834.824	12.15	4.28598	1.028684	4.41	R5						Valid		
BB10-1	37	Dolerite	dolerite	rockmass	55	74.85	31.0		65	63.5	1	44.78	11.10546	1.27	1.113555	14.10394	12.37	R6	R6									1					Valid		
BB10-1	37	Dolerite	dolerite	rockmass	55	74.85	31.0				0									63.5	55	4446.92	23.4	5.262069	1.138353	5.99	R5							Valid	
BB10-1	42.1	Dol. 15" Jts	dolerite	rockmass	55	74.85	26.8		100	63.5	1	7.04	1.745923	1.27	1.113555	2.217323		R4	NA									1					Invalid, broke on Jt		
BB10-1	42.1	Dolerite	dolerite	rockmass	55	74.85	26.8				0									63.5	54.5	4406.494	1.64	0.372178	1.136016		NA							Invalid, broke on Jt	
BB10-1	47.1	Dol. C.A. infill	dolerite	rockmass	55	74.85	22.7		73	63.5	1	25.5	6.324013	1.27	1.113555	8.031496		R5	NA									1					Invalid, broke on Jt		
BB10-1	47.1	Dol. C.A. infill	dolerite	rockmass	55	74.85	22.7				0									63.5	52	4204.361	10.17	2.418917	1.124077	2.72	R4							Invalid, broke on Jt	
BB10-1	47.1	Dolerite	dolerite	rockmass	55	74.85	22.7		67	63.5	1	39.3	9.746419	1.27	1.113555	12.37795	10.85	R6	R6									1					Valid		
BB10-1	52.2	Dolerite	dolerite	rockmass	55	74.85	18.6		80	63.5	1	20.49	5.08153	1.27	1.113555	6.453543	5.66	R5										1					Valid		
BB10-1	52.2	Dolerite	dolerite	rockmass	55	74.85	18.6				0									63.5	51.5	4163.934	16.28	3.909764	1.121636	4.39	R5							Valid	
BB10-1	53.65	Dolerite	dolerite	rockmass	55	74.85	17.4		140	50.6	0	34.04	13.29501	1.012	1.005382	13.45455	13.37	R6	R6										1				Valid		
BB10-1	53.65	Dolerite	dolerite	rockmass	55	74.85	17.4				0									50.6	47	3028.108	18.12	5.983935	1.044064	6.25	R5							Valid	
BB10-1	62.36	Dolerite	dolerite	rockmass	55	74.85	10.2		62	50.6	0	25.43	9.932197	1.012	1.005382	10.05138	9.99	R6	R5										1				Valid		
BB10-1	62.36	Dolerite	dolerite	rockmass	55	74.85	10.2				0									50.6	48	3092.535	8.75	2.829394	1.049021	2.97	R4							Valid	
BB10-1	66.48	Dol. C.A. Jts	dolerite	rockmass	55	74.85	6.9		61	50.6	0	13.88	5.421113	1.012	1.005382	5.486166		R5	NA														Invalid		
BB10-1	66.48	Dol. C.A. Jts	dolerite	rockmass	55	74.85	6.9				0									50.6	44	2834.824	0.94	0.33159	1.028684		NA							Invalid	
BB10-1	81.7	Sst	sediment	rockmass	55	74.85	-5.6				0									50.6	41	2641.541	1.36	0.514851	1.012468	0.52	NA							Invalid	
BB10-1	81.7	Sst	sediment	rockmass	55	74.85	-5.6		80	50.6	0	0.16	0.062491	1.012	1.005382	0.063241	0.06	NA	NA														Invalid		
BB10-1	90.36	Sst	sediment	rockmass	55	74.85	-12.7				0									50.6	42	2705.968	0.94	0.34738	1.017973	0.35	NA							Invalid	
BB10-1	90.36	Sst	sediment	rockmass	55	74.85	-12.7		66	50.6	0	1.35	0.52727	1.012	1.005382	0.533597	0.53	NA	NA														Invalid		
BB10-1	120.8	Sst	sediment	rockmass	55	74.85	-37.6				0									50.6	39.5	2544.899	0.19	0.074659	1.004013	0.07	NA							Invalid	
BB10-1	120.8	Sst	sediment	rockmass	55	74.85	-37.6		69	50.6	0	0	0	1.012	1.005382	0	0.00	NA	NA														Invalid		
BB10-1	132.25	Sst	sediment	rockmass	55	74.85	-47.0				0									50.6	40.5	2609.327	0	0	1.009677	0.00	NA								Invalid
BB10-1	132.25	Sst	sediment	rockmass	55	74.85	-47.0		55	50.6	0	0	0	1.012	1.005382	0	0.00	NA	NA														Invalid		
BB10-2	1.85	Dolerite	dolerite	fault	90	69.4	67.6		90	63.5	1	43.03	10.67146	1.27	1.113555	13.55276	11.88	R6	R6									1					Valid		
BB10-2	3.6	Dolerite	dolerite	fault	90	69.4	65.9				0									63.5	55.5	4487.347	33.6	7.487721	1.140673	8.54	R5							Valid	
BB10-2	3.6	Dolerite	dolerite	fault	90	69.4	65.9				0									63.5	53.5	4325.641	23.64	5.465086	1.131292		NA							Invalid	
BB10-2	3.8	Dolerite	dolerite	fault	90	69.4	65.6		102	63.5	1	17.28	4.285449	1.27	1.113555	5.44252		R5	NA														Invalid, failed on Jt		
BB10-2	7.9	Dolerite	dolerite	fault	90	69.4	61.5				0									63.5	52	4204.361	40.51	9.635234	1.124077	10.83	R6							Valid	
BB10-2	8	Dolerite	dolerite	fault	90	69.4	61.4		140	63.5	1	34.51	8.558497	1.27	1.113555	10.86929		R6	NA														Invalid		
BB10-2	9.85	Dolerite	dolerite	fault	90	69.4	59.6				0									63.5	51	4123.508	37.94	9.200904	1.119176	10.30	R6							Valid	
BB10-2	9.95	Dolerite	dolerite	fault	90	69.4	59.5		80	63.5	1	46.6	11.55682	1.27	1.113555	14.67717	12.87	R6	R6														Valid		
BB10-2	15.1	Dolerite	dolerite	fault	90	69.4	54.3				0									61.1	51	3967.659	35.83	9.030515	1.109516	10.02	R6							Valid	
BB10-2	15.2	Dolerite	dolerite	fault	90	69.4	54.2		80	61.1	1	40.19	10.76553	1.222	1.094415	13.15548	11.78	R6	R6														Valid		
BB10-2	22.9	Dolerite	dolerite	fault	90	69.4	46.5				0									61.1	44	3423.078	32.79	9.579098	1.073266	10.28	R6							Valid	
BB10-2	23.1	Dolerite	dolerite	fault	90	69.4	46.3		110	61.1	1	22	5.893052	1.222	1.094415	7.201309	6.45	R5	R5														Invalid		
BB10-2	25.9	Dolerite	dolerite	fault	90	69.4	43.5				0									61.1	50	3889.862	25.8	6.632627	1.104584		NA							Invalid, failed on Jt	
BB10-2	26	Dolerite	dolerite	fault	90	69.4	43.4		80	61.1	1	20.49	5.488574	1.222	1.094415	6.707038		R5	NA														Invalid, failed on Jt		
BB10-2	30.05	Dolerite	dolerite	fault	90	69.4	39.4		90	61.1	1	34.6	9.268163	1.222	1.094415	11.32557	10.14	R6	R6														Valid		
BB10-2	30.15	Dolerite	dolerite	fault	90	69.4	39.3				0									61.1	40	3111.889	34.5	11.08651	1.050495	11.65	R5							Valid	
BB10-2	33.6	Dolerite	dolerite	fault	90	69.4	35.8		70	61.1	0	39.6	10.60749	1.222	1.094415	12.96236	11.61	R6	R6														Valid		
BB10-2	33.65	Dolerite	dolerite	fault	90	69.4	35.8				0									61.1	37.5	2917.396	27.1	9.289105	1.035351	9.62	R5							Valid	
BB10-2	36.1	Dolerite	dolerite	fault	90	69.4	33.3		95	61.1	1	47.8	12.80399	1.222	1.094415	15.64648	14.01	R6	R6														Valid		
BB10-2	36.2	Dolerite	dolerite	fault	90	69.4	33.2				0									61.1	37.5	2917.396	23.3	7.986574	1.035351	8.27	R5							Valid	
BB10-2	37.05	Dolerite	dolerite	fault	90	69.4	32.4		85	61.1	1	36.3	9.723536	1.222</																					

	Depth of test (m)	Rock Description (note planes of weakness)	Lithology	Faulting	plunge	depth to sed	height above base	Moisture Condition (1)	L (mm)	D (2) mm	GP	I _p MPa	F	Frevised	I _{u50} (3) MPa	I _s (50) revised	Strength Classification	Strength Revised	W mm	D (2) mm	D _u mm ²	GP	I _p MPa	F	I _{u50} (3) MPa	Strength Classification	HQ, HQ3 diametral	NO2 diametral	HQ, HQ3 axial	NO2 axial	Notes and Sketch of Failed Sample:	
BB10-3	34.35	Dolerite	dolerite	fault	54	59.5	20.3				0								61.1	39.5	3072.991	25.9	8.428272	1.047526	8.83	R5						
BB10-3	34.45	Dolerite	dolerite	fault	54	59.5	20.3		85	61.1	1	39.9	10.68785	1.222	1.094415	13.06056	11.70	R6									1					
BB10-3	37.45	Dolerite	dolerite	fault	54	59.5	17.8				0								61.1	45	3500.875	34.5	9.854678	1.078706	10.63	R6						
BB10-3	37.55	Dolerite	dolerite	fault	54	59.5	17.8		80	61.1	1	21.9	5.866265	1.222	1.094415	7.168576	6.42	R5									1					
BB10-3	45.15	Dolerite	dolerite	fault	54	59.5	11.6				0								61.1	30.5	2372.816	14.1	5.942308	0.988321	5.87	R5						
BB10-3	45.25	Dolerite	dolerite	fault	54	59.5	11.5		90	61.1	1	19.8	5.303747	1.222	1.094415	6.481178	5.80	R5									1					
BB10-3	47.6	Dolerite	dolerite	fault	54	59.5	9.6				0								61.1	44.5	3461.977	31.9	9.214389	1.075998	9.91	R5						
BB10-3	47.7	Dolerite	dolerite	fault	54	59.5	9.5		100	61.1	1	42.4	11.35752	1.222	1.094415	13.87889	12.43	R6									1					
BB10-3	48.6	Dolerite	dolerite	fault	54	59.5	8.8				0								61.1	45.5	3539.774	17.3	4.887318	1.081392	5.29	R5						
BB10-3	48.7	Dolerite	dolerite	fault	54	59.5	8.7		100	61.1	1	31.4	8.410992	1.222	1.094415	10.27823	9.21	R6									1					
BB10-3	50.25	Dolerite	dolerite	fault	54	59.5	7.5				0								61.1	37	2878.498	8.8	3.05715	1.032228	3.16	R4						
BB10-3	50.35	Dolerite	dolerite	fault	54	59.5	7.4		95	61.1	1	40.7	10.90215	1.222	1.094415	13.32242	11.93	R6									1					
BB10-3	52.5	Dolerite	dolerite	fault	54	59.5	5.7				0								61.1	43.5	3384.18	30.1	8.894327	1.070509	9.52	R5						
BB10-3	52.6	Dolerite	dolerite	fault	54	59.5	5.6		95	61.1	1	12.9	3.455471	1.222	1.094415	4.222586	3.78	R5									1					
BB10-3	54.1	Dolerite	dolerite	fault	54	59.5	4.4				0								61.1	43	3345.281	12.5	3.736607	1.067728		NA						
BB10-3	54.2	Dolerite	dolerite	fault	54	59.5	4.3		80	61.1	1	15.1	4.044776	1.222	1.094415	4.942717		R5									1					
BB10-3	55.15	Dolerite	dolerite	fault	54	59.5	3.5				0								61.1	35	2722.903	14.5	5.325199	1.019403	5.43	R5						
BB10-3	55.25	Dolerite	dolerite	fault	54	59.5	3.4		85	61.1	1	9.1	2.437581	1.222	1.094415	2.978723	2.67	R4									1					
BB10-3	56.35	Dolerite	dolerite	fault	54	59.5	2.5				0								61.1	49	3812.064	21.8	5.718686	1.099574	6.29	R5						
BB10-3	56.45	Dolerite	dolerite	fault	54	59.5	2.5		85	61.1	1	17.6	4.714441	1.222	1.094415	5.761047	5.16	R5									1					
BB10-4	0.55	Dolerite	dolerite	rockmass	90	125.5	125.0		108	61.1	1	34.4	9.21459	1.222	1.094415	11.26023	10.08	R6									1					
BB10-4	0.7	Dolerite	dolerite	rockmass	90	125.5	124.8				0								61.1	55	4278.848	13.4	3.131684	1.128527	3.53	R4						
BB10-4	6.45	Dolerite	dolerite	rockmass	90	125.5	119.1		126	61.1	1	35.4	9.482456	1.222	1.094415	11.58756	10.38	R6									1					
BB10-4	6.65	Dolerite	dolerite	rockmass	90	125.5	118.9				0								61.1	40	3111.889	32.2	10.34741	1.050495	10.87	R6						
BB10-4	10.9	Dolerite	dolerite	rockmass	90	125.5	114.6		122	61.1	1	49.9	13.36651	1.222	1.094415	16.33388	14.63	R6									1					
BB10-4	11	Dolerite	dolerite	rockmass	90	125.5	114.5				0								61.1	47	3656.47	40.2	10.99421	1.089312	11.98	R6						
BB10-4	16.4	Dolerite	dolerite	rockmass	90	125.5	109.1		118	61.1	1	45.8	12.26826	1.222	1.094415	14.99182	13.43	R6									1					
BB10-4	16.5	Dolerite	dolerite	rockmass	90	125.5	109.0				0								61.1	47	3656.47	38.2	10.44724	1.089312	11.38	R6						
BB10-4	22.9	Dolerite	dolerite	rockmass	90	125.5	102.6		129	61.1	1	44.7	11.97361	1.222	1.094415	14.63175	13.10	R6									1					
BB10-4	23.05	Dolerite	dolerite	rockmass	90	125.5	102.5				0								61.1	52	4045.456	43.5	10.75281	1.114375	11.98	R6						
BB10-4	26.8	Dolerite	dolerite	rockmass	90	125.5	98.7		132	61.1	1	44.7	11.97361	1.222	1.094415	14.63175		R6									1					
BB10-4	28	Dolerite	dolerite	rockmass	90	125.5	96.6				0								61.1	49	3812.064	37.5	9.83719	1.099574	10.82	R6						
BB10-4	31.8	Dolerite	dolerite	rockmass	90	125.5	93.7		127	61.1	1	25.1	6.723436	1.222	1.094415	8.216039	7.36	R5									1					
BB10-4	32	Dolerite	dolerite	rockmass	90	125.5	93.5				0								61.1	46	3578.673	27.2	7.600584	1.084054		NA						
BB10-4	36.3	Dolerite	dolerite	rockmass	90	125.5	89.2		125	61.1	1	46.5	12.45577	1.222	1.094415	15.22095	13.63	R6									1					
BB10-4	36.35	Dolerite	dolerite	rockmass	90	125.5	89.2				0								61.1	50	3889.862	12.7	3.264898	1.104584		NA						
BB10-4	42.1	Dolerite	dolerite	rockmass	90	125.5	83.4				0								61.1	50	3889.862	21.6	5.552897	1.104584	6.13	R5						
BB10-4	42.2	dolerite	dolerite	rockmass	90	125.5	83.3				0								61.1	50	3889.862							1				
BB10-4	42.3	dolerite	dolerite	rockmass	90	125.5	83.2		93	61.1	1	43		1.094415				NA														
BB10-4	47.7	dolerite	dolerite	rockmass	90	125.5	77.8				0								61.1	43	3345.281	33.9	10.13368	1.067728	10.82	R6						
BB10-4	47.8	dolerite	dolerite	rockmass	90	125.5	77.7		125	61.1	1	37.5	10.04497	1.222	1.094415	12.27496		R6									1					
BB10-4	50.5	dolerite	dolerite	rockmass	90	125.5	75.0				0								50.6	38	2448.257	28.3	11.55924	0.995305		NA						
BB10-4	50.6	dolerite	dolerite	rockmass	90	125.5	74.9		82	50.6	0	22.2	8.670656	1.012	1.005382	8.774704	8.72	R5										1				
BB10-4	60.1	dolerite	dolerite	rockmass	90	125.5	65.4		95	50.6	0	30.3	11.83427	1.012	1.005382	11.97628	11.90	R6										1				
BB10-4	60.15	dolerite	dolerite	rockmass	90	125.5	65.4				0								50.6	40	2577.113	8.3	3.220658	1.006859	3.24	R4						
BB10-4	64.25	dolerite	dolerite	rockmass	90	125.5	61.3		97	50.6	0	18.2	7.108375	1.012	1.005382	7.193676	7.15	R5									1					
BB10-4	65.35	dolerite	dolerite	rockmass	90	125.5	60.2				0								50.6	40	2577.113	7.1	2.755021	1.006859		NA						
BB10-4	74.35	dolerite	dolerite	rockmass	90	125.5	51.2		96	50.6	0	35.5	13.86524	1.012	1.005382	14.03162	13.94	R6									1					
BB10-4	74.6	dolerite	dolerite	rockmass	90	125.5	50.9				0								50.6	37	2383.829	5	2.097466	0.989351		NA						
BB10-4	84.1	dolerite	dolerite	rockmass	90	125.5	41.4				0								50.6	36	2319.402	15.8	6.812102	0.983271	6.70	R5						
BB10-4	84.2	dolerite	dolerite	rockmass	90	125.5	41.3		97	50.6	0	20.8	8.123858	1.012	1.005382	8.221344	8.17	R5										1				
BB10-4	89.7	dolerite	dolerite	rockmass	90	125.5	35.8				0								50.6	39	2512.685	19.2	7.641228	1.001139	7.65	R5						
BB10-4	89.75	dolerite	dolerite	rockmass	90	125.5	35.8		94	50.6	0	25.8	10.07671	1.012	1.005382	10.19763		R6									1					
BB10-4	97.75	dolerite	dolerite	rockmass	90	125.5	27.8				0								50.6	39	2512.685	12.9	5.13395	1.001139		NA						
BB10-4	97.8	dolerite	dolerite	rockmass	90	125.5	27.7		90	50.6	0	11.6	4.530613	1.012	1.005382	4.58498		R5														

	Depth of test (m)	Rock Description (note planes of weakness)	Lithology	Faulting	plunge	depth to sed	height above base	Moisture Condition (1)	L (mm)	D (2) mm	GP	I _p MPa	F	Frevised	I _{u50} (3) MPa	I _s (50) revised	Strength Classification	Strength Revised	W mm	D (2) mm	D _u mm ²	GP	I _p MPa	F	I _{u50} (3) MPa	Strength Classification	HQ _u HQ ₃ diametral	NO ₂ diametral	HQ _u HQ ₃ axial	NO ₂ axial	Notes and Sketch of Failed Sample:		
BB10-5	35.95		dolerite	rockmass	90	74.2	38.3				0									50.6	43	2770.396	9.89	3.569886	1.023376	3.65	R4				1		
BB10-5	38.45		dolerite	rockmass	90	74.2	35.8		80	50.6	0	36.53	14.26752	1.012	1.005382	14.43874	14.34	R6															
BB10-5	38.5		dolerite	rockmass	90	74.2	35.7				0									50.6	44	2834.824	26.58	9.376243	1.028684	9.85	R5						
BB10-5	42.5		dolerite	rockmass	90	74.2	31.7		80	50.6	0	27.3	10.66256	1.012	1.005382	10.79051	10.72	R6															
BB10-5	42.6		dolerite	rockmass	90	74.2	31.6				0									50.6	41.5	2673.755	9.43	3.526876	1.015233	3.58	R4						
BB10-5	45.7		dolerite	rockmass	90	74.2	28.5		95	50.6	0	31.11	12.15064	1.012	1.005382	12.29644	12.22	R6															
BB10-5	45.75		dolerite	rockmass	90	74.2	28.5				0									50.6	36	2319.402	10.23	4.41062	0.983271								
BB10-5	49		dolerite	rockmass	90	74.2	25.2		80	50.6	0	25.38	9.912669	1.012	1.005382	10.03162	9.97	R6															
BB10-5	49.05		dolerite	rockmass	90	74.2	25.2				0									50.6	45	2899.252	27.51	9.488654	1.033898	9.81	R5						
BB10-5	52.05		dolerite	rockmass	90	74.2	22.2		80	50.6	0	26.8	10.46728	1.012	1.005382	10.59289	10.52	R6															
BB10-5	52.1		dolerite	rockmass	90	74.2	22.1				0									50.6	43	2770.396	22.66	8.179335	1.023376	8.37	R5						
BB10-5	56.05		dolerite	rockmass	90	74.2	18.2		80	50.6	0	25.58	9.950783	1.012	1.005382	10.11067	10.04	R6															
BB10-5	56.1		dolerite	rockmass	90	74.2	18.1				0									50.6	39.5	2544.899	25.47	10.00826	1.004013	10.05	R6						
BB10-5	61.55		dolerite	rockmass	90	74.2	12.7		80	50.6	0	12.09	4.721992	1.012	1.005382	4.778656		R5															
BB10-5	61.6		dolerite	rockmass	90	74.2	12.6				0									50.6	34.5	2222.76	17.19	7.733629	0.9739	7.53	R5						
BB10-5	62.35		dolerite	rockmass	90	74.2	11.9		80	50.6	0	13.78	5.382056	1.012	1.005382	5.44664		R5															
BB10-5	62.45		dolerite	rockmass	90	74.2	11.8				0									50.6	42.5	2738.182	21.5	7.851924	1.020687	8.01	R5						
BB10-5	65.9		dolerite	rockmass	90	74.2	8.3		80	50.6	0	14.48	5.655455	1.012	1.005382	5.72332	5.69	R5															
BB10-5	65.95		dolerite	rockmass	90	74.2	8.3				0									50.6	45	2899.252	4.18	1.441751	1.033898								
BB10-5	68.9		dolerite	rockmass	90	74.2	5.3		75	50.6	0	3.5	1.366995	1.012	1.005382	1.383399		R3															
BB10-5	68.95		dolerite	rockmass	90	74.2	5.3				0									50.6	38	2448.257	2.75	1.123248	0.995305								
BB10-5	73.2		dolerite	rockmass	90	74.2	1.0		70	50.6	0	20.21	7.893421	1.012	1.005382	7.988142	7.94	R5															
BB10-5	73.25		dolerite	rockmass	90	74.2	1.0				0									50.6	35	2254.974	22.83	10.12429	0.977058	9.89	R5						
BB10-6	0.7		dolerite	rockmass	90	91.9	91.2		100	50.6	0	6.29	2.456686	1.012	1.005382	2.486166	2.47	R4															
BB10-6	2.63		dolerite	rockmass	90	91.9	89.3				0									61.1	41.5	3228.585	7.4	2.292026	1.059232	2.43	R4						
BB10-6	7.25		dolerite	rockmass	90	91.9	84.7		95	61.1	1	15.68	4.200139	1.222	1.094415	5.13257	4.60	R5															
BB10-6	7.32		dolerite	rockmass	90	91.9	84.6				0									61.1	41.5	3228.585	13.11	4.060602	1.059232	4.30	R5						
BB10-6	11.36		dolerite	rockmass	90	91.9	80.5		75	61.1	1	25.18	6.744866	1.222	1.094415	8.242226	7.38	R5															
BB10-6	11.2		dolerite	rockmass	90	91.9	80.7				0									61.1	41	3189.686	1.55	0.485941	1.056347	0.51	NA						
BB10-6	13.05		dolerite	rockmass	90	91.9	78.9		78	61.1	1	16.14	4.323357	1.222	1.094415	5.283142	4.73	R5															
BB10-6	13.1		dolerite	rockmass	90	91.9	78.8				0									50.6	40	2577.113	13.28	5.153053	1.006859	5.19	R5						
BB10-6	18.04		dolerite	rockmass	90	91.9	73.9		77	50.6	0	22.61	8.830789	1.012	1.005382	8.936759	8.88	R5															
BB10-6	18.1		dolerite	rockmass	90	91.9	73.8				0									50.6	40	2577.113	10.43	4.047165	1.006859	4.07	R5						
BB10-6	21.24		dolerite	rockmass	90	91.9	70.7		80	50.6	0	13.31	5.198488	1.012	1.005382	5.26087	5.23	R5															
BB10-6	21.3		dolerite	rockmass	90	91.9	70.6				0									50.6	38	2448.257	18.76	7.662594	0.995305	7.63	R5						
BB10-6	24.04		dolerite	rockmass	90	91.9	67.9		89	50.6	0	11.89	4.643878	1.012	1.005382	4.699605	4.67	R5															
BB10-6	28.02		dolerite	rockmass	90	91.9	63.9				0									50.6	39.5	2544.899	8.18	3.214273	1.004013	3.23	R4						
BB10-6	28.2		dolerite	rockmass	90	91.9	63.7				0									50.6	41	2641.541	11.43	4.32702	1.012468	4.38	R5						
BB10-6	30.54		dolerite	rockmass	90	91.9	61.4		78	50.6	0	23.34	9.115906	1.012	1.005382	9.225296	9.16	R5															
BB10-6	30.6		dolerite	rockmass	90	91.9	61.3				0									50.6	37	2383.829	10.8	4.530526	0.989351	4.48	R5						
BB10-6	31.75		dolerite	rockmass	90	91.9	60.2		70	50.6	0	28.2	11.01408	1.012	1.005382	11.14625	11.07	R6															
BB10-6	31.84		dolerite	rockmass	90	91.9	60.1				0									50.6	40	2577.113	26.88	10.43028	1.006859	10.50	R6						
BB10-6	37.04		dolerite	rockmass	90	91.9	54.9		78	50.6	0	30.21	11.79912	1.012	1.005382	11.94071	11.86	R6															
BB10-6	37.1		dolerite	rockmass	90	91.9	54.8				0									50.6	40	2577.113	20.55	7.97404	1.006859	8.03	R5						
BB10-6	38.93		dolerite	rockmass	90	91.9	53.0		78	50.6	0	24.37	9.518193	1.012	1.005382	9.832411	9.57	R5															
BB10-6	38.98		dolerite	rockmass	90	91.9	52.9				0									50.6	39.5	2544.899	21.83	8.577944	1.004013	8.61	R5						
BB10-6	44.03		dolerite	rockmass	90	91.9	47.9		80	50.6	0	24.62	9.615835	1.012	1.005382	9.731225	9.67	R5															
BB10-6	44.1		dolerite	rockmass	90	91.9	47.8				0									50.6	38	2448.257	13.34	6.448774	0.995305	5.42	R5						
BB10-6	46.91		dolerite	rockmass	90	91.9	45.0		76	50.6	0	21.8	8.514428	1.012	1.005382	8.616601	8.56	R5															
BB10-6	46.97		dolerite	rockmass	90	91.9	44.9				0									50.6	38	2448.257	13.91	5.681593	0.995305	5.65	R5						
BB10-6	50.91		dolerite	rockmass	90	91.9	41.0		75	50.6	0	23.53	9.190114	1.012	1.005382	9.300395	9.24	R5															
BB10-6	50.97		dolerite	rockmass	90	91.9	40.9				0									50.6	34	2190.546	24.8	11.32138	0.970706	10.99	R6						
BB10-6	53.27		dolerite	rockmass	90	91.9	38.6		76	50.6	0	23.87	9.322908	1.012	1.005382	9.434783	9.37	R5															
BB10-6	53.13		dolerite	rockmass	90	91.9	38.8				0									50.6	39	2512.685	27.73	11.036	1.001139	11.05	R6						
BB10-6	5																																

Depth of test (m)	Rock Description (note planes of weakness)	Lithology	Faulting	plunge	depth to sed	height above base	Moisture Condition (1)	L (mm)	D (2) mm	GP	I _p MPa	F	Frevised	I _{u50} (3) MPa	I _s (50) revised	Strength Classification	Strength Revised	W mm	D (2) mm	D ₅₀ mm ²	GP	I _p MPa	F	I _{u50} (3) MPa	Strength Classification	HQ-H3 diametral	NO2 diametral	HQ-H3 axial	NO2 axial	Notes and Sketch of Failed Sample:	
BB10-7	14.9 massive med	dolerite	rockmass	90	47.7	32.8				0								61.1	38.5	2995.193	24.6	8.213159	1.0415	8.55	R5						
BB10-7	14.96 massive med	dolerite	rockmass	90	47.7	32.7		76	61.1	1	27.29	7.310063	1.222	1.094415	8.932897	8.00	R5									1					
BB10-7	15.9 massive med	dolerite	rockmass	90	47.7	31.8				0								61.1	40	3111.889	24.88	7.995143	1.050495	8.40	R5						
BB10-7	15.96 massive med	dolerite	rockmass	90	47.7	31.7		75	61.1	1	8.38	2.244717	1.222	1.094415	2.743044	2.46	R4									1					
BB10-7	20.78 massive med	dolerite	rockmass	90	47.7	26.9				0								50.6	36.5	2351.615	32.73	13.91809	0.986327	13.73	R6						
BB10-7	20.83 massive med	dolerite	rockmass	90	47.7	26.9		80	50.6	0	36.08	14.09177	1.012	1.005382	14.26087	14.17	R6										1				
BB10-7	23.56 massive med	dolerite	rockmass	90	47.7	24.1				0								50.6	40	2577.113	33.81	13.11933	1.006859	13.21	R6						
BB10-7	23.62 massive med	dolerite	rockmass	90	47.7	24.1		76	50.6	0	37.44	14.62294	1.012	1.005382	14.79842	14.70	R6											1			
BB10-7	25.9 massive med	dolerite	rockmass	90	47.7	21.8				0								50.6	40.5	2609.327	15.12	5.794598	1.009677		NA					1	failed on it
BB10-7	25.96 massive med	dolerite	rockmass	90	47.7	21.7		80	50.6	0	25.73	10.04937	1.012	1.005382	10.16996		NA											1		failed on it	
BB10-7	28.94 massive med	dolerite	rockmass	90	47.7	18.8				0								50.6	39	2512.685	25.05	9.969415	1.001139	9.98	R5						
BB10-7	28.91 massive med	dolerite	rockmass	90	47.7	18.8		78	50.6	0	26.72	10.43603	1.012	1.005382	10.56126	10.49	R6										1				
BB10-7	29.83 massive med	dolerite	rockmass	90	47.7	17.9				0								50.6	40	2577.113	26.3	10.20522	1.006859	10.28	R6						
BB10-7	29.95 massive med	dolerite	rockmass	90	47.7	17.8		80	50.6	0	18.54	7.241169	1.012	1.005382	7.328063	7.28	R5										1				
BB10-7	36.2 massive med	dolerite	rockmass	90	47.7	11.5				0								50.6	39	2512.685	16.99	6.761691	1.001139	6.77	R5						
BB10-7	36.25 massive med	dolerite	rockmass	90	47.7	11.5		75	50.6	0	28.22	11.02189	1.012	1.005382	11.15415	11.08	R6										1				
BB10-7	38.88 massive med	dolerite	rockmass	90	47.7	8.8				0								50.6	41	2641.541	16.3	6.170641	1.012468	6.25	R5						
BB10-7	38.94 massive med	dolerite	rockmass	90	47.7	8.8		85	50.6	0	20.98	8.19416	1.012	1.005382	8.29249	8.24	R5										1				
BB10-7	41.9 massive med	dolerite	rockmass	90	47.7	5.8		80	50.6	0	27.43	10.71334	1.012	1.005382	10.8419	10.77	R6										1				
BB10-7	41.95 massive med	dolerite	rockmass	90	47.7	5.8				0								50.6	40	2577.113	18.15	7.042765	1.006859	7.09	R5						
BB10-7	42.9 massive med	dolerite	rockmass	90	47.7	4.8				0								50.6	40	2577.113	23.46	9.10321	1.006859	9.17	R5						
BB10-7	42.95 massive med	dolerite	rockmass	90	47.7	4.8		80	50.6	0	21.06	8.225406	1.012	1.005382	8.324111	8.27	R5										1				
BB10-7	45.95 fine-med fresh	dolerite	rockmass	90	47.7	1.8		75	50.6	0	14.79	5.776531	1.012	1.005382	5.84585	5.81	R5											1			
BB10-7	45.9 fine-med fresh	dolerite	rockmass	90	47.7	1.8				0								50.6	40	2577.113	16.3	6.324907	1.006859	6.37	R5						
BB10-8	7.14 massive coar	dolerite	fault	55	110.5	84.7		80	61.1	1	34.05	9.120837	1.222	1.094415	11.14566	9.98	R6									1					
BB10-8	7.2 massive coar	dolerite	fault	55	110.5	84.6				0								61.1	38.5	2995.193	32.64	10.89746	1.0415	11.35	R6						
BB10-8	10.14 massive coar	dolerite	fault	55	110.5	82.2		80	61.1	1	46.17	12.36737	1.222	1.094415	15.11293	13.54	R6									1					
BB10-8	10.2 massive coar	dolerite	fault	55	110.5	82.2				0								61.1	35	2722.903	27.52	10.10686	1.019403	10.30	R6						
BB10-8	15.9 massive coar	dolerite	fault	55	110.5	77.5		80	61.1	1	21.7	5.812692	1.222	1.094415	7.10311	6.36	R5									1					
BB10-8	15.97 massive coar	dolerite	fault	55	110.5	77.4				0								61.1	34	2645.106	14.6	5.519628	1.012775	5.59	R5						
BB10-8	21.48 alt coarse dol	dolerite	fault	55	110.5	72.9				0								6.11	40	311.1889	0	0	0.62574		NA						
BB10-8	26.04 massive coar	dolerite	fault	55	110.5	69.2		80	61.1	1	38.03	10.18694	1.222	1.094415	12.44845	11.15	R6									1					
BB10-8	26.1 massive coar	dolerite	fault	55	110.5	69.1				0								61.1	41.5	3228.585	6.4	1.982293	1.059232	2.10	R4						
BB10-8	46.96 massive med	dolerite	fault	55	110.5	52.0		80	61.1	1	8.63	2.311684	1.222	1.094415	2.824877	2.53	R4									1					
BB10-8	51.54 massive med	dolerite	rockmass	55	110.5	48.3		80	61.1	1	33.12	8.871722	1.222	1.094415	10.84124	9.71	R6									1					
BB10-8	51.67 massive med	dolerite	rockmass	55	110.5	48.2				0								61.1	41	3189.686	27.12	8.502403	1.056347	8.98	R5						
BB10-8	53.54 massive med	dolerite	rockmass	55	110.5	46.7		80	61.1	1	35.32	9.461027	1.222	1.094415	11.56137	10.35	R6									1					
BB10-8	53.64 massive med	dolerite	rockmass	55	110.5	46.6				0								61.1	39.5	3072.991	17.94	5.837961	1.047526	6.12	R5						
BB10-8	56.14 massive med	dolerite	rockmass	55	110.5	44.5		80	50.6	0	23.66	9.240888	1.012	1.005382	9.351779	9.29	R5										1				
BB10-8	56.2 massive med	dolerite	rockmass	55	110.5	44.5				0								50.6	40	2577.113		0	1.006859		NA					1	failed before test
BB10-8	60.58 massive med	dolerite	rockmass	55	110.5	40.9		80	50.6	0	14.29	5.581246	1.012	1.005382	5.648221	5.61	R5									1					
BB10-8	60.64 massive med	dolerite	rockmass	55	110.5	40.8				0								50.6	38.5	2480.471	10.77	4.341917	0.998237	4.33	R5						
BB10-8	65.54 massive med	dolerite	rockmass	55	110.5	36.8				0								50.6	39.5	2544.899	29.29	11.5093	1.004013	11.56	R6						
BB10-8	65.6 massive med	dolerite	rockmass	55	110.5	36.8		80	50.6	0	33.58	13.11534	1.012	1.005382	13.27273	13.19	R6									1					
BB10-8	67.4 massive med	dolerite	rockmass	55	110.5	35.3		80	50.6	0	15.23	5.948382	1.012	1.005382	6.019763	5.98	R5									1					
BB10-8	67.47 massive med	dolerite	rockmass	55	110.5	35.2				0								50.6	36	2319.402	12.96	5.587648	0.983271	5.49	R5						
BB10-8	73.04 massive med	dolerite	rockmass	55	110.5	30.7		80	50.6	0	29.57	11.54916	1.012	1.005382	11.68775	11.61	R6									1					
BB10-8	73.1 massive med	dolerite	rockmass	55	110.5	30.6				0								50.6	38.5	2480.471	24.02	9.683644	0.998237	9.67	R5						
BB10-8	75.04 massive med	dolerite	rockmass	55	110.5	29.0		80	50.6	0	38.52	15.04476	1.012	1.005382	15.2253	15.13	R6									1					
BB10-8	75.1 massive med	dolerite	rockmass	55	110.5	29.0				0								50.6	38	2448.257	10.98	4.484823	0.995305	4.46	R5						
BB10-8	77.92 massive med	dolerite	rockmass	55	110.5	26.7		80	50.6	0	28.02	10.94377	1.012	1.005382	11.0751	11.00	R6									1					
BB10-8	77.98 massive med	dolerite	rockmass	55	110.5	26.6				0								50.6	39.5	2544.899	30.94	12.15765	1.004013	12.21	R6						
BB10-8	82.95 massive med	dolerite	rockmass	55	110.5	22.6		80	50.6	0	31.48	12.29515	1.012	1.005382	12.44269	12.36	R6									1					
BB10-8	82 massive med	dolerite	rockmass	55	110.5	23.3				0								50.6	35	2254.974	26.39	11.70302	0.977058	11.43	R6						
BB10-8	85.54 massive med	dolerite	rockmass	55	110.5	20.4		80	50.6	0	41.11	16.05634	1.012	1.005382	16.24901	16.14	R6									1					
BB10-8	85.6 massive med	dolerite	rockmass</																												

	Depth of test (m)	Rock Description (note planes of weakness)	Lithology	Faulting	plunge	depth to sed	height above base	Moisture Condition (1)	L (mm)	D (2) mm	GP	I _p MPa	F	Frevised	I _{u50} (3) MPa	I _s (50) revised	Strength Classification	Strength Revised	W mm	D (2) mm	D _u mm ²	GP	I _p MPa	F	I _{u50} (3) MPa	Strength Classification	HQ, H03 diametral	N02 diametral	HQ, H03 axial	N02 axial	Notes and Sketch of Failed Sample:	
BB10-10	60.4	massive med dolerite	rockmass		55	119.4	48.3		75	61.1	1	41.03	10.99054	1.222	1.094415	13.43044	12.03 R6	R6									1					
BB10-10	60.47	massive med dolerite	rockmass		55	119.4	48.3				0								61.1	40	3111.889	26.46	8.502873	1.050495	8.93 R5					1		
BB10-10	63.4	massive med dolerite	rockmass		55	119.4	45.9		80	50.6	0	28	10.93596	1.012	1.005382	11.06719	10.99 R6	R6											1			
BB10-10	63.47	massive med dolerite	rockmass		55	119.4	45.8				0								50.6	35	2254.974	19.91	8.829371	0.977058	8.83 R5					1		
BB10-10	68.94	massive med dolerite	rockmass		55	119.2	41.3		70	50.6	0	27.32	10.67037	1.012	1.005382	10.79842	10.73 R6	R6											1			
BB10-10	69	massive med dolerite	rockmass		55	119.4	41.3				0								50.6	38	2448.257	25.23	10.30529	0.995305	10.26 R6					1		
BB10-10	70.9	massive med dolerite	rockmass		55	119.4	39.7		75	50.6	0	19.02	7.428643	1.012	1.005382	7.517787	7.47 R5	R5											1			
BB10-10	70.95	massive med dolerite	rockmass		55	119.4	39.7				0								50.6	38	2448.257	21.53	8.794011	0.995305	8.75 R5					1		
BB10-10	74.05	massive med dolerite	rockmass		55	119.4	37.1		70	50.6	0	30.46	11.89676	1.012	1.005382	12.03953	11.96 R6	R6											1			
BB10-10	74.1	massive med dolerite	rockmass		55	119.4	37.1				0								50.6	37.5	2416.043	21.51	8.902986	0.992344	8.83 R5					1		
BB10-10	79.25	massive med dolerite	rockmass		55	119.4	32.9		73	50.6	0	32.01	12.50215	1.012	1.005382	12.65217	12.57 R6	R6												1		
BB10-10	79.3	massive med dolerite	rockmass		55	119.4	32.8				0								50.6	38	2448.257	17.89	7.307239	0.995305	7.27 R5					1		
BB10-10	83.35	massive med dolerite	rockmass		55	119.4	29.5		76	50.6	0	33.44	13.06066	1.012	1.005382	13.21739	13.13 R6	R6												1		
BB10-10	83.4	massive med dolerite	rockmass		55	119.4	29.5				0								50.6	40	2577.113	26.2	10.16642	1.006859	10.24 R6					1		
BB10-10	84.94	massive med dolerite	rockmass		55	119.4	28.2		70	50.6	0	28.87	11.27576	1.012	1.005382	11.41107	11.34 R6	R6												1		
BB10-10	84.98	massive med dolerite	rockmass		55	119.4	28.2				0								50.6	34	2190.546	21.93	10.0112	0.970706	9.72 R5					1		
BB10-10	89.25	massive med dolerite	rockmass		55	119.4	24.7		80	50.6	0	31.28	12.21703	1.012	1.005382	12.36364	12.28 R6	R6												1		
BB10-10	89.3	massive med dolerite	rockmass		55	119.4	24.7				0								50.6	42	2705.968	22.27	8.229955	1.017973	8.38 R5					1		
BB10-10	93.25	massive med dolerite	rockmass		55	119.2	21.4		72	50.6	0	27.09	10.58054	1.012	1.005382	10.70751	10.64 R6	R6												1		
BB10-10	93.3	massive med dolerite	rockmass		55	119.4	21.4				0								50.6	43	2770.396	20.13	7.266108	1.023376	7.44 R5					1		
BB10-10	94.05	massive med dolerite	rockmass		55	119.4	20.8		75	50.6	0	34.4	13.43561	1.012	1.005382	13.59684	13.51 R6	R6												1		
BB10-10	94.1	massive med dolerite	rockmass		55	119.4	20.7				0								50.6	36	2319.402	26.04	11.22703	0.983271	11.04 R6					1		
BB10-10	99.25	massive med dolerite	rockmass		55	119.4	16.5		70	50.6	0	25.53	9.971254	1.012	1.005382	10.09091	10.02 R6	R6												1		
BB10-10	99.3	massive med dolerite	rockmass		55	119.4	16.5				0								50.6	39	2512.685	27.82	11.07182	1.001139	11.08 R6					1		
BB10-10	102.25	massive med dolerite	rockmass		55	119.4	14.0		85	50.6	0	23.97	9.361965	1.012	1.005382	9.474308	9.41 R5	R5												1		
BB10-10	102.3	massive med dolerite	rockmass		55	119.4	14.0				0								50.6	35	2254.974	21.87	9.698561	0.977058	9.48 R5					1		
BB10-10	106.05	massive med dolerite	rockmass		55	119.4	10.9		80	50.6	0	22.98	8.9753	1.012	1.005382	9.083004	9.02 R5	R5												1		
BB10-10	106.1	massive med dolerite	rockmass		55	119.4	10.9				0								50.6	39	2512.685	20.56	8.182482	1.001139	8.19 R5					1		
BB10-10	109.05	massive med dolerite	rockmass		55	119.4	8.5		75	50.6	0	25.45	9.940008	1.012	1.005382	10.05929	9.99 R6	R5												1		
BB10-10	109.1	massive med dolerite	rockmass		55	119.4	8.4				0								50.6	36	2319.402	21.32	9.192026	0.983271	9.04 R5					1		
BB10-10	111.95	massive med dolerite	rockmass		55	119.4	6.1		70	50.6	0	18.87	7.370057	1.012	1.005382	7.458498	7.41 R5	R5												1		
BB10-10	112	massive med dolerite	rockmass		55	119.2	6.1				0								50.6	40	2577.113	5.85	2.269982	1.006859	2.29 R4					1		
BB10-10	113.45	fresh fine dol dolerite	rockmass		55	119.2	21.8		76	50.6	0	17.36	6.780297	1.012	1.005382	6.86166	6.82 R5	R5												1		
BB10-10	113.6	fresh fine dol dolerite	rockmass		55	119.4	4.8				0								50.6	44	2834.824	16.91	5.965097	1.028684	6.14 R5					1		
BB10-10	116.94	fresh fine dol dolerite	rockmass		55	119.4	2.0		80	50.6	0	12.7	4.96024	1.012	1.005382	5.019763	4.99 R5	R5												1		
BB10-10	116.97	fresh fine dol dolerite	rockmass		55	119.4	2.0				0								50.6	38	2448.257	7.58	3.09608	0.995305	3.08 R4					1		
BB10-11	13.9	fresh coarse dolerite	fault		54	130.2	94.1		85	61.1	1	46.34	12.41291	1.222	1.094415	15.16858	13.58 R6	R6		61.1	36	2800.7	26.42	9.433355	1.025885	9.68 R5				1		
BB10-11	13.95	fresh coarse dolerite	fault		54	130.2	94.0				0								61.1	40	3111.889	30.79	8.894311	1.050495	10.39 R6					1		
BB10-11	17.1	fresh coarse dolerite	fault		54	130.2	91.5		80	61.1	1	41.54	11.12715	1.222	1.094415	13.59738	12.18 R6	R6												1		
BB10-11	17.15	fresh coarse dolerite	fault		54	130.2	91.5				0								61.1	40	3111.889	30.79	8.894311	1.050495	10.39 R6					1		
BB10-11	19.35	fresh coarse dolerite	fault		54	130.2	89.7		83	61.1	1	25.7	6.884156	1.222	1.094415	8.412439	7.53 R5	R5												1		
BB10-11	19.4	fresh coarse dolerite	fault		54	130.2	89.6				0								61.1	43	3345.281	25.23	7.541968	1.067728	8.05 R5					1		
BB10-11	25.1	fresh coarse dolerite	fault		54	130.2	85.0		79	61.1	1	50	13.3933	1.222	1.094415	16.36661	14.66 R6	R6												1		
BB10-11	25.15	fresh coarse dolerite	fault		54	130.2	85.0				0								61.1	43	3345.281	35.89	10.72855	1.067728	11.46 R6					1		
BB10-11	29.35	fresh coarse dolerite	fault		54	130.2	81.6		82	61.1	1	39.46	10.56999	1.222	1.094415	12.91653	11.57 R6	R6												1		
BB10-11	29.4	fresh coarse dolerite	fault		54	130.2	81.5				0								61.1	46	3578.673	30.5	8.522713	1.084054	9.24 R5					1		
BB10-11	30.75	fresh coarse dolerite	fault		54	130.2	80.5		85	61.1	0	41.67	11.16198	1.222	1.094415	13.63993	12.22 R6	R6												1		
BB10-11	30.85	fresh coarse dolerite	fault		54	130.2	80.4				0								61.1	46	3578.673	33.4	9.333069	1.084054	10.12 R6					1		
BB10-11	33.15	fresh coarse dolerite	fault		54	130.2	78.5		87	61.1	1	40.36	10.81107	1.222	1.094415	13.21113	11.83 R6	R6												1		
BB10-11	33.2	fresh coarse dolerite	fault		54	130.2	78.5				0								61.1	46	3578.673	36.84	10.29432	1.084054	11.16 R6					1		
BB10-11	36.15	fresh coarse dolerite	fault		54	130.2	76.1		80	61.1	1	35.79	9.586924	1.222	1.094415	11.71522	10.49 R6	R6												1		
BB10-11	36.2	fresh coarse dolerite	fault		54	130.2	76.0				0								61.1	42	3267.484	33.09	10.12706	1.06209								

	Depth of test (m)	Rock Description (note planes of weakness)	Lithology	Faulting	plunge	depth to sed	height above base	Moisture Condition (1)	L (mm)	D (2) mm	GP	I _p MPa	F	Frevised	I _{u50} (3) MPa	I _s (50) revised	Strength Classification	Strength Revised	W mm	D (2) mm	D _u ² mm ²	GP	I _p MPa	F	I _{u50} (3) MPa	Strength Classification	HQ-HQ3 diametral	NQ2 diametral	HQ-HQ3 axial	NQ2 axial	Notes and Sketch of Failed Sample:
BB10-12	21.1	fractured fresh	dolerite	rockmass	90	138.8	117.7		85	61.1	1	6.13	1.642019	1.222	1.094415	2.006547	1.80 R4	R3									1				
BB10-12	21.15	fractured fresh	dolerite	rockmass	90	138.8	117.7				0									61.1	43	3345.281	14.34	4.286636	1.067728	4.58 R5				1	
BB10-12	23.65	massive fresh	dolerite	rockmass	90	138.8	115.2		85	61.1	1	23.86	6.391283	1.222	1.094415	7.810147	6.99 R5	R5									1				
BB10-12	23.75	massive fresh	dolerite	rockmass	90	138.8	115.1				0									61.1	48	3734.267	6.61	1.770093	1.094485	1.94 R3			1	1	
BB10-12	26.05	massive fresh	dolerite	rockmass	90	138.8	112.8		74	61.1	0	29.13	7.802936	1.222	1.094415	9.535188	8.54 R5	R5											1		
BB10-12	26.1	massive fresh	dolerite	rockmass	90	138.8	112.7				0									61.1	43	3345.281	9.24	2.7621	1.067728	2.95 R4				1	
BB10-12	26.4	massive fresh	dolerite	rockmass	90	138.8	112.4		77	61.1	1	1.64	0.4393	1.222	1.094415	0.536825	0.48 NA	NA									1			1	
BB10-12	26.45	massive fresh	dolerite	rockmass	90	138.8	112.4				0									61.1	43	3345.281	17.35	5.18641	1.067728	5.54 R5				1	
BB10-12	30.5	massive fresh	dolerite	rockmass	90	138.8	108.3		80	61.1	1	40.28	10.78964	1.222	1.094415	13.18494	11.81 R6	R6									1				
BB10-12	30.55	massive fresh	dolerite	rockmass	90	138.8	108.3				0									61.1	43	3345.281	17.56	5.249185	1.067728	5.60 R5				1	
BB10-12	32.2	massive fresh	dolerite	rockmass	90	138.8	106.6		85	61.1	1	42.7	11.43788	1.222	1.094415	13.97709	12.52 R6	R6									1				
BB10-12	32.25	massive fresh	dolerite	rockmass	90	138.8	106.6				0									61.1	48	3734.267	28.95	7.752525	1.094485	8.49 R5				1	
BB10-12	37.3	veined fresh	dolerite	rockmass	90	138.8	101.5		60	50.6	0	26.39	10.30714	1.012	1.005382	10.43083	10.36 R6	R6										1			
BB10-12	37.35	veined fresh	dolerite	rockmass	90	138.8	101.5				0									50.6	35	2254.974	10.95	4.855932	0.977058	4.74 R5					1
BB10-12	42.1	massive fresh	dolerite	rockmass	90	138.8	96.7		70	50.6	0	30.17	11.7835	1.012	1.005382	11.9249	11.85 R6	R6											1		
BB10-12	42.15	massive fresh	dolerite	rockmass	90	138.8	96.7				0									50.6	38	2448.257	15.37	6.277935	0.995305	6.25 R5					1
BB10-12	49.2	massive fresh	dolerite	rockmass	90	138.8	89.6		73	50.6	0	18.11	7.073224	1.012	1.005382	7.158103	7.11 R5	R5											1		
BB10-12	49.25	massive fresh	dolerite	rockmass	90	138.8	89.6				0									50.6	39	2512.685	24.3	9.67093	1.001139	9.68 R5					1
BB10-12	50.3	massive fresh	dolerite	rockmass	90	138.8	82.1		67	50.6	0	25.68	10.02984	1.012	1.005382	10.1502	10.08 R6	R6										1			
BB10-12	56.75	massive fresh	dolerite	rockmass	90	138.8	82.1				0									50.6	35.5	2287.188	17.44	7.625085	0.980181	7.47 R5					1
BB10-12	61.25	massive fresh	dolerite	rockmass	90	138.8	77.6		67	50.6	0	24.41	9.533816	1.012	1.005382	9.848221	9.59 R5	R5										1			
BB10-12	61.3	massive fresh	dolerite	rockmass	90	138.8	77.5				0									50.6	34	2190.546	17.7	8.080178	0.970706	7.84 R5					1
BB10-12	66.2	massive fresh	dolerite	rockmass	90	138.8	72.6		70	50.6	0	27	10.54539	1.012	1.005382	10.67194	10.60 R6	R6										1			
BB10-12	66.25	massive fresh	dolerite	rockmass	90	138.8	72.6				0									50.6	40	2577.113	22.84	8.862631	1.006859	8.92 R5					1
BB10-12	71.45	massive fresh	dolerite	rockmass	90	138.8	67.4		65	50.6	0	24.78	9.678326	1.012	1.005382	9.794466	9.73 R5	R5										1			
BB10-12	71.5	massive fresh	dolerite	rockmass	90	138.8	67.3				0									50.6	37	2383.829	20.05	8.410837	0.989351	8.32 R5					1
BB10-12	79.7	massive fresh	dolerite	rockmass	90	138.8	59.1		67	50.6	0	19.08	7.452077	1.012	1.005382	7.541502	7.49 R5	R5										1			
BB10-12	79.75	massive fresh	dolerite	rockmass	90	138.8	59.1				0									50.6	34	2190.546	17.27	7.883879	0.970706	7.65 R5					1
BB10-12	85.7	massive fresh	dolerite	rockmass	90	138.8	53.1		74	50.6	0	35.44	13.8418	1.012	1.005382	14.00791	13.92 R6	R6											1		
BB10-12	85.75	massive fresh	dolerite	rockmass	90	138.8	53.1				0									50.6	38	2448.257	3.41	1.392828	0.995305	1.39 R3					1
BB10-12	93.2	massive fresh	dolerite	rockmass	90	138.8	45.6		72	50.6	0	31.05	12.1272	1.012	1.005382	12.27273	12.19 R6	R6										1			
BB10-12	93.25	massive fresh	dolerite	rockmass	90	138.8	45.6				0									50.6	40	2577.113	26.2	10.16642	1.006859	10.24 R6					1
BB10-12	101.3	massive fresh	dolerite	rockmass	90	138.8	37.5		67	50.6	0	29.33	11.45542	1.012	1.005382	11.59289	11.52 R6	R6										1			
BB10-12	101.35	massive fresh	dolerite	rockmass	90	138.8	37.5				0									50.6	35	2254.974	26.84	11.90258	0.977058	11.63 R6					1
BB10-12	108.35	massive fresh	dolerite	rockmass	90	138.8	30.5		70	50.6	0	28.27	11.04142	1.012	1.005382	11.17391	11.10 R6	R6										1			
BB10-12	108.4	massive fresh	dolerite	rockmass	90	138.8	30.4				0									50.6	35	2254.974	24.97	11.0733	0.977058	10.82 R6					1
BB10-12	113.6	massive fresh	dolerite	rockmass	90	138.8	25.2		70	50.6	0	30	11.7171	1.012	1.005382	11.85771	11.78 R6	R6										1			
BB10-12	113.65	massive fresh	dolerite	rockmass	90	138.8	25.2				0									50.6	37	2383.829	22.15	9.291772	0.989351	9.19 R5					1
BB10-12	120.6	massive fresh	dolerite	rockmass	90	138.8	18.2		68	50.6	0	29.97	11.70539	1.012	1.005382	11.84585	11.77 R6	R6										1			
BB10-12	120.65	massive fresh	dolerite	rockmass	90	138.8	18.2				0									50.6	33.5	2158.332	17.64	8.172978	0.967476	7.91 R5					1
BB10-12	127.4	massive fresh	dolerite	rockmass	90	138.8	11.4		70	50.6	0	27.37	10.6899	1.012	1.005382	10.81818	10.75 R6	R6										1			
BB10-12	127.45	massive fresh	dolerite	rockmass	90	138.8	11.4				0									50.6	37	2383.829	21.01	8.81355	0.989351	8.72 R5					1
BB10-12	131.05	fresh fine chill	dolerite	rockmass	90	138.8	7.8		68	50.6	0	30.12	11.76397	1.012	1.005382	11.90514	11.83 R6	R6										1			
BB10-12	131.1	fresh fine chill	dolerite	rockmass	90	138.8	7.7				0									50.6	32.5	2093.904	13.51	6.452062	0.960901	6.20 R5					1
BB10-12	135.75	fresh fine chill	dolerite	rockmass	90	138.8	3.1		76	50.6	0	19.5	7.616116	1.012	1.005382	7.70751	7.66 R5	R5										1			
BB10-12	135.8	fresh fine chill	dolerite	rockmass	90	138.8	3.0				0									50.6	32	2061.69	20.86	10.11791	0.957555	9.69 R5					1
BB10-13	3.06	massive med	dolerite	rockmass	90	173.3	170.2		85	61.1	0	41.68	11.16465	1.222	1.094415	13.64321	12.22 R6	R6									1				
BB10-13	3.1	massive med	dolerite	rockmass	90	173.3	170.2				0									61.1	42	3267.484	34.49	10.55552	1.06209	11.21 R6					1
BB10-13	7.2	massive med	dolerite	rockmass	90	173.3	166.1		95	61.1	1	36.98	9.905684	1.222	1.094415	12.10475	10.84 R6	R6										1			
BB10-13	7.25	massive med	dolerite	rockmass	90	173.3	166.1				0									61.1	47	3656.47	35.19	9.624037	1.089312	10.48 R6					1
BB10-13	10.35	massive med	dolerite	rockmass	90	173.3	163.0		110	61.1	1	42.61	11.41377	1.222	1.094415	13.94763	12.49 R6	R6										1			
BB10-13	10.3	massive med	dolerite	rockmass	90	173.3	163.0				0									61.1	45	3500.875	34.57	9.874673	1.078706	10.65 R6					1
BB10-13	12.95	massive med	dolerite	rockmass	90	173.3	160.4		95	61.1	1	41.4	11.08965	1.222	1.094415	13.55155	12														

	Depth of test (m)	Rock Description (note planes of weakness)	Lithology	Faulting	plunge	depth to sed	height above base	Moisture Condition (1)	L (mm)	D (2) mm	GP	I _p MPa	F	Frevised	I _{u50} (3) MPa	I _s (50) revised	Strength Classification	Strength Revised	W mm	D (2) mm	D _u ² mm ²	GP	I _p MPa	F	I _{u50} (3) MPa	Strength Classification	HQ _u -HQS diametral	NQ _u diametral	HQ _u -HQS axial	NQ _u axial	Notes and Sketch of Failed Sample:	
BB10-13	67.05	massive fresh dolerite	rockmass		90	173.3	106.3		72	50.6	0	32.56	12.71696	1.012	1.005382	12.86957	12.79 R6	R6														
BB10-13	67.1	massive fresh dolerite	rockmass		90	173.3	106.2				0									50.6	34	2190.546	19.35	8.833414	0.970706	8.57 R5				1		1
BB10-13	71.7	massive fresh dolerite	rockmass		90	173.3	101.6		81	50.6	0	31.36	12.24828	1.012	1.005382	12.39526	12.31 R6	R6											1			
BB10-13	71.75	massive fresh dolerite	rockmass		90	173.3	101.6				0									50.6	38	2448.257	21.71	8.867532	0.995305	8.83 R5				1		1
BB10-13	74.85	massive fresh dolerite	rockmass		90	173.3	95.5		80	50.6	0	36.75	14.35345	1.012	1.005382	14.52569	14.43 R6	R6											1			
BB10-13	74.9	massive fresh dolerite	rockmass		90	173.3	95.4				0									50.6	36.5	2351.615	16.74	7.118511	0.986327	7.02 R5				1		1
BB10-13	76.8	massive fresh dolerite	rockmass		90	173.3	96.5		78	50.6	0	25.56	9.982971	1.012	1.005382	10.10277	10.04 R6	R6											1			
BB10-13	76.85	massive fresh dolerite	rockmass		90	173.3	96.5				0									50.6	37	2383.829	14.63	6.137184	0.989351	6.07 R5				1		1
BB10-13	80.65	massive fresh dolerite	rockmass		90	173.3	92.7		70	50.6	0	40.54	15.83371	1.012	1.005382	16.02372	15.92 R6	R6											1			
BB10-13	80.6	massive fresh dolerite	rockmass		90	173.3	92.7				0									50.6	37	2383.829	15.34	6.435024	0.989351	6.37 R5				1		1
BB10-13	83.2	massive fresh dolerite	rockmass		90	173.3	90.1		66	50.6	0	30.58	11.94363	1.012	1.005382	12.08696	12.01 R6	R6											1			
BB10-13	83.25	massive fresh dolerite	rockmass		90	173.3	90.1				0									50.6	39	2512.685	16.89	6.721893	1.001139	6.73 R5				1		1
BB10-13	96.35	massive fresh dolerite	rockmass		90	173.3	77.0		90	50.6	0	21.76	8.498805	1.012	1.005382	8.600791	8.54 R5	R5											1			
BB10-13	96.4	massive fresh dolerite	rockmass		90	173.3	76.9				0									50.6	37	2383.829	20.72	8.691897	0.989351	8.60 R5				1		1
BB10-13	102.95	massive fresh dolerite	rockmass		90	173.3	70.4		90	50.6	0	32.65	12.75211	1.012	1.005382	12.90514	12.82 R6	R6											1			
BB10-13	102.9	massive fresh dolerite	rockmass		90	173.3	70.4				0									50.6	34	2190.546	16.69	7.619105	0.970706	7.40 R5				1		1
BB10-13	105.95	massive fresh dolerite	rockmass		90	173.3	67.4		65	50.6	0	19.97	7.799684	1.012	1.005382	7.893281	7.84 R5	R5											1			
BB10-13	107.9	massive fresh dolerite	rockmass		90	173.3	70.4				0									50.6	34	2190.546	8.63	3.939657	0.970706	3.82 R4				1		1
BB10-13	110.05	massive fresh dolerite	rockmass		90	173.3	63.3		70	50.6	0	26.24	10.24856	1.012	1.005382	10.37154	10.30 R6	R6											1			
BB10-13	110.1	massive fresh dolerite	rockmass		90	173.3	63.2				0									50.6	40	2577.113	21.53	8.35431	1.006859	8.41 R5				1		1
BB10-13	114.75	massive fresh dolerite	rockmass		90	173.3	58.6		80	50.6	0	22.13	8.643316	1.012	1.005382	8.747036	8.69 R5	R5											1			
BB10-13	114.8	massive fresh dolerite	rockmass		90	173.3	58.5				0									50.6	39	2512.685	8.1	3.223643	1.001139	3.23 R4				1		1
BB10-13	117.05	massive fresh dolerite	rockmass		90	173.3	56.3		73	50.6	0	27.45	10.72115	1.012	1.005382	10.8498	10.78 R6	R6											1			
BB10-13	117.1	massive fresh dolerite	rockmass		90	173.3	56.2				0									50.6	36	2319.402	22.26	9.597303	0.983271	9.44 R5				1		1
BB10-13	121.05	massive fresh dolerite	rockmass		90	173.3	52.3		92	50.6	0	29.6	11.56087	1.012	1.005382	11.6996	11.62 R6	R6											1			
BB10-13	121.1	massive fresh dolerite	rockmass		90	173.3	52.2				0									50.6	36	2319.402	20.44	8.812618	0.983271	8.67 R5				1		1
BB10-13	125.05	massive fresh dolerite	rockmass		90	173.3	48.3		100	50.6	0	40.25	15.72045	1.012	1.005382	15.90909	15.81 R6	R6											1			
BB10-13	125.1	massive fresh dolerite	rockmass		90	173.3	48.2				0									50.6	30	1932.835	18.98	9.819774	0.943751	9.27 R5				1		1
BB10-13	128.85	massive fresh dolerite	rockmass		90	173.3	44.5		75	50.6	0	24.53	9.580684	1.012	1.005382	9.695652	9.63 R5	R5											1			
BB10-13	128.9	massive fresh dolerite	rockmass		90	173.3	44.4				0									50.6	31	1997.262	20.92	10.47434	0.950739	9.96 R5				1		1
BB10-13	131.95	massive fresh dolerite	rockmass		90	173.3	41.4		64	50.6	0	13.9	5.428924	1.012	1.005382	5.494071	5.46 R5	R5											1			
BB10-13	131.9	massive fresh dolerite	rockmass		90	173.3	41.4				0									50.6	32	2061.69	12.99	6.300655	0.957555	6.03 R5				1		1
BB10-13	138.2	massive fresh dolerite	rockmass		90	173.3	24.1		78	50.6	0	30.37	11.86161	1.012	1.005382	12.00395	11.93 R6	R6											1			
BB10-13	139.25	massive fresh dolerite	rockmass		90	173.3	34.1				0									50.6	35	2254.974	26.41	11.71189	0.977058	11.44 R6				1		1
BB10-13	141.95	massive fresh dolerite	rockmass		90	173.3	31.4		70	50.6	0	27.29	10.65866	1.012	1.005382	10.78656	10.72 R6	R6											1			
BB10-13	141.9	massive fresh dolerite	rockmass		90	173.3	31.4				0									50.6	34	2190.546	25.09	11.45377	0.970706	11.12 R6				1		1
BB10-13	149.95	massive fresh dolerite	rockmass		90	173.3	23.4		76	50.6	0	14.39	5.620303	1.012	1.005382	5.687747	5.65 R5	R5											1			
BB10-13	150	massive fresh dolerite	rockmass		90	173.3	23.3				0									50.6	35	2254.974	6.79	3.011122	0.977058	2.94 R4				1		1
BB10-13	152.9	massive fresh dolerite	rockmass		90	173.3	20.4		75	50.6	0	28.36	11.07657	1.012	1.005382	11.20949	11.14 R6	R6											1			
BB10-13	153	massive fresh dolerite	rockmass		90	173.3	20.3				0									50.6	34	2190.546	24.6	11.23008	0.970706	10.90 R6				1		1
BB10-13	158.85	massive fresh dolerite	rockmass		90	173.3	14.5		94	50.6	0	33.88	13.23251	1.012	1.005382	13.3913	13.30 R6	R6											1			
BB10-13	159	massive fresh dolerite	rockmass		90	173.3	14.3				0									50.6	35	2254.974	26.37	11.69415	0.977058	11.43 R6				1		1
BB10-13	164.85	massive fresh dolerite	rockmass		90	173.3	8.5		70	50.6	0	26.1	10.19388	1.012	1.005382	10.31621	10.25 R6	R6											1			
BB10-13	164.9	massive fresh dolerite	rockmass		90	173.3	8.4				0									50.6	37	2383.829	25.82	10.83131	0.989351	10.72 R6				1		1
BB10-13	168.05	massive fresh dolerite	rockmass		90	173.3	5.3		77	50.6	0	20.81	8.127763	1.012	1.005382	8.225296	8.17 R5	R5											1			
BB10-13	168.1	massive fresh dolerite	rockmass		90	173.3	5.2				0									50.6	39	2512.685	16.27	6.475145	1.001139	6.48 R5				1		1
BB10-13	171.85	massive fresh dolerite	rockmass		90	173.3	7.5		80	50.6	0	28.53	11.14296	1.012	1.005382	11.27668	11.20 R6	R6											1			
BB10-13	171.9	massive fresh dolerite	rockmass		90	173.3	1.4				0									50.6	39	2512.685	21	8.357593	1.001139	8.37 R5				1		1
BB10-14	18.7	massive med dolerite	rockmass		90	133.7	115.0		90	61.1	1	48.07	12.87632	1.222	1.094415	15.73486	14.09 R6	R6										1				
BB10-14	18.8	massive med dolerite	rockmass		90	133.7	114.9				0									61.1	43	3345.281	29.5	8.818392	1.067728	9.42 R5				1		1
BB10-14	20.2	massive med dolerite	rockmass		90	133.7	113.5		85	61.1	1	43.5	11.65217	1.222	1.094415	14.23895	12.75 R6	R6										1				
BB10-14	20.25	massive med dolerite	rockmass		90	133.7	113.5				0																					

	Depth of test (m)	Rock Description (note planes of weakness)	Lithology	Faulting	plunge	depth to sed	height above base	Moisture Condition (1)	L (mm)	D (2) mm	GP	I _p MPa	F	Frevised	I _{u50} (3) MPa	I _s (50) revised	Strength Classification	Strength Revised	W mm	D (2) mm	D _u mm ²	GP	I _p MPa	F	I _{u50} (3) MPa	Strength Classification	HQ-HQ3 diametral	NQ2 diametral	HQ-HQ3 axial	NQ2 axial	Notes and Sketch of Failed Sample:		
BB10-14	88.8	massive fresh dolerite	rockmass		90	133.7	44.9		72	50.6	0	22.3	8.709713	1.012	1.005382	8.814229	8.76 R5	R5															
BB10-14	88.85	massive fresh dolerite	rockmass		90	133.7	44.9				0									50.6	35	2254.974	18.4	8.15974	0.977058	7.97 R5				1		1	
BB10-14	92.25	massive fresh dolerite	rockmass		90	133.7	41.5		85	50.6	0	30.5	11.91239	1.012	1.005382	12.05534	11.98 R6	R6											1				
BB10-14	92.3	massive fresh dolerite	rockmass		90	133.7	41.4				0									50.6	38	2448.257	24.4	9.966273	0.995305	9.92 R5				1		1	
BB10-14	96.3	massive fresh dolerite	rockmass		90	133.7	37.4		73	50.6	0	26.4	10.31105	1.012	1.005382	10.43478	10.37 R6	R6											1				
BB10-14	96.35	massive fresh dolerite	rockmass		90	133.7	37.4				0									50.6	41	2641.541	17.2	6.511352	1.012468	6.59 R5				1		1	
BB10-14	100.45	massive fresh dolerite	rockmass		90	133.7	33.3		89	50.6	0	14.9	5.819494	1.012	1.005382	5.889328	5.85 R5	R5											1				
BB10-14	100.5	massive fresh dolerite	rockmass		90	133.7	33.2				0									50.6	34.5	2222.76	19.4	8.727889	0.9739	8.50 R5				1		1	
BB10-14	106.2	massive fresh dolerite	rockmass		90	133.7	27.5		70	50.6	0	33.7	13.16221	1.012	1.005382	13.32016	13.23 R6	R6											1				
BB10-14	106.25	massive fresh dolerite	rockmass		90	133.7	27.5				0									50.6	38.5	2480.471	1.75	0.705511	0.998237	NA						1	failed on Jt
BB10-14	109.9	massive fresh dolerite	rockmass		90	133.7	23.8		70	50.6	0	24.1	9.412739	1.012	1.005382	9.525692	9.46 R5	R5											1				
BB10-14	109.95	massive fresh dolerite	rockmass		90	133.7	23.8				0									50.6	36.5	2351.615	18.2	7.739361	0.986327	7.63 R5				1		1	
BB10-14	112.8	massive fresh dolerite	rockmass		90	133.7	20.9		80	50.6	0	27.8	10.85785	1.012	1.005382	10.98814	10.92 R6	R6											1				
BB10-14	112.85	massive fresh dolerite	rockmass		90	133.7	20.9				0									50.6	36.5	2351.615	20.6	8.759936	0.986327	8.64 R5				1		1	
BB10-14	116.05	massive fresh dolerite	rockmass		90	133.7	17.7		70	50.6	0	30.8	12.02956	1.012	1.005382	12.17391	12.09 R6	R6											1				
BB10-14	116.1	massive fresh dolerite	rockmass		90	133.7	17.6				0									50.6	37.5	2416.043	23.4	9.685257	0.992344	9.61 R5				1		1	
BB10-14	118.9	massive fresh dolerite	rockmass		90	133.7	14.8		91	50.6	0	17.1	6.678748	1.012	1.005382	6.758893	6.71 R5	R5											1				
BB10-14	118.95	massive fresh dolerite	rockmass		90	133.7	14.8				0									50.6	40	2577.113	25.2	9.778384	1.006859	9.85 R5				1		1	
BB10-14	122.75	massive fresh dolerite	rockmass		90	133.7	11.0		89	50.6	0	34.7	13.55278	1.012	1.005382	13.71542	13.63 R6	R6											1				
BB10-14	122.8	massive fresh dolerite	rockmass		90	133.7	10.9				0									50.6	39	2512.685	28.6	11.38225	1.001139	11.40 R6				1		1	
BB10-14	133.2	massive fresh dolerite	rockmass		90	133.7	0.5		69	50.6	0	9.3	3.632302	1.012	1.005382	3.675889	3.65 R4	R4											1				
BB10-14	133.25	massive fresh dolerite	rockmass		90	133.7	0.4				0									50.6	41	2641.541	12.1	4.58066	1.012468	4.64 R5				1		1	
BB10-15	4.8	massive fresh dolerite	fault		90	88.1	83.3		85	61.1	1	40.1	10.74143	1.222	1.094415	13.12602	11.76 R6	R6										1					
BB10-15	4.85	massive fresh dolerite	fault		90	88.1	83.3				0									61.1	42	3267.484	38.5	11.78277	1.06209	12.51 R6				1		1	
BB10-15	6.85	massive fresh dolerite	fault		90	88.1	81.3		80	61.1	1	40	10.71464	1.222	1.094415	13.09329	11.73 R6	R6										1					
BB10-15	6.9	massive fresh dolerite	fault		90	88.1	81.2				0									61.1	41	3189.686	35.8	11.22367	1.056347	11.86 R6				1		1	
BB10-15	12.3	massive fresh dolerite	fault		90	88.1	75.8		80	61.1	1	17.8	4.768015	1.222	1.094415	5.826514	5.22 R5	R5										1					
BB10-15	12.5	massive fresh dolerite	fault		90	88.1	75.6				0									61.1	39	3034.092	21.8	7.185016	1.044528	7.50 R5				1		1	
BB10-15	19.55	massive fresh dolerite	fault		90	88.1	68.6		80	61.1	1	31.6	8.464565	1.222	1.094415	10.3437	9.26 R6	R5										1					
BB10-15	19.6	massive fresh dolerite	fault		90	88.1	68.5				0									61.1	40	3111.889	32.5	10.44382	1.050495	10.97 R6				1		1	
BB10-15	22.7	massive fresh dolerite	fault		90	88.1	65.4		85	61.1	1	44	11.7861	1.222	1.094415	14.40262	12.90 R6	R6										1					
BB10-15	22.75	massive fresh dolerite	fault		90	88.1	65.4				0									61.1	39	3034.092	32.9	10.84344	1.044528	11.33 R6				1		1	
BB10-15	23.95	massive fresh dolerite	fault		90	88.1	64.2		70	50.6	0	33	12.88881	1.012	1.005382	13.04348	12.96 R6	R6											1				
BB10-15	24.05	massive fresh dolerite	fault		90	88.1	64.1				0									50.6	35	2254.974	25.8	11.44137	0.977058	11.18 R6				1		1	
BB10-15	28.35	massive fresh dolerite	fault		90	88.1	59.8		70	50.6	0	35.6	13.90429	1.012	1.005382	14.07115	13.98 R6	R6											1				
BB10-15	28.4	massive fresh dolerite	fault		90	88.1	59.7				0									50.6	38	2448.257	15.3	6.249343	0.995305	6.22 R5				1		1	
BB10-15	31.15	massive fresh dolerite	fault		90	88.1	57.0		70	50.6	0	37.3	14.56826	1.012	1.005382	14.74308	14.65 R6	R6											1				
BB10-15	32.2	massive fresh dolerite	fault		90	88.1	55.9				0									50.6	35	2254.974	20.5	9.091015	0.977058	8.88 R5						1	
BB10-15	34.75	massive fresh dolerite	fault		90	88.1	53.4		70	50.6	0	24.9	9.725195	1.012	1.005382	9.841897	R5	NA											1			invalid break	
BB10-15	34.8	massive fresh dolerite	fault		90	88.1	53.3				0									50.6	38	2448.257	26.9	10.98741	0.995305	10.94 R6				1		1	
BB10-15	38.25	massive fresh dolerite	fault		90	88.1	49.9		70	50.6	0	14.1	5.507038	1.012	1.005382	5.573123	R5	NA											1			break on joint	
BB10-15	38.3	massive fresh dolerite	fault		90	88.1	49.8				0									50.6	37.5	2416.043	18.5	7.657148	0.992344	7.60 R5				1		1	
BB10-15	45	weathered dolerite	fault		90	88.1	43.1		70	50.6	0	31	12.10767	1.012	1.005382	12.25296	12.17 R6	R6											1				
BB10-15	45.1	weathered dolerite	fault		90	88.1	43.0				0									50.6	36	2319.402	1.2	0.517375	0.983271	0.51 NA						1	
BB10-15	50.55	fractured med dolerite	fault		90	88.1	37.6		70	50.6	0	15	5.858551	1.012	1.005382	5.928854	5.89 R5	R5											1				
BB10-15	50.6	fractured med dolerite	fault		90	88.1	37.5				0									50.6	40	2577.113	6.9	2.677415	1.006859	2.70 R4				1		1	
BB10-15	54.65	fractured med dolerite	fault		90	88.1	33.5				0									50.6	38.5	2480.471	8.7	3.507398	0.998237	NA				1		1	break on joint
BB10-15	54.75	fractured med dolerite	fault		90	88.1	33.4		70	50.6	0	5.7	2.226249	1.012	1.005382	2.252964	2.24 R4	R4											1				
BB10-15	55.15	massive joint dolerite	fault		90	88.1	33.0		70	50.6	0	9.8	3.827587	1.012	1.005382	3.873518	3.85 R4	R4											1				
BB10-15	55.2	massive joint dolerite	fault		90	88.1	32.9				0									50.6	35	2254.974	10	4.434641	0.977058	NA						1	break on joint
BB10-15	60.2	fractured med dolerite	fault		90	88.1	27.9		70	50.6	0	2.1	0.820197	1.012	1.005382	0.83004	0.82 NA	NA											1				
BB10-15	60.25	fractured med dolerite	fault		90	88.1	27.9				0									50.6	36.5	2351.615	8.7	3.699584</									

Depth of test (m)	Rock Description (note planes of weakness)	Lithology	Faulting	plunge	depth to sed	height above base	Moisture Condition (1)	L (mm)	D (2) mm	GP	I _s MPa	F	Frevised	I _{u50} (3) MPa	I _s (50) revised	Strength Classification	Strength Revised	W mm	D (2) mm	D _u ² mm ²	GP	I _s MPa	F	I _{u50} (3) MPa	Strength Classification	HQ _u H3 diametral	HQ _u H3 diametral	HQ _u H3 axial	NO2 axial	Notes and Sketch of Failed Sample:		
BB10-16	61.9 massive fresh dolerite	rockmass		90	119.7	57.8		79	50.6	0	10.9	4.257214	1.012	1.005382	4.3083	4.28 R5	R5															
BB10-16	61.95 massive fresh dolerite	rockmass		90	119.7	57.8				0								50.6	50	3221.391	22	6.829348	1.058701	7.23 R5								
BB10-16	66.9 massive fresh dolerite	rockmass		90	119.7	52.8		79	50.6	0	18.1	7.069318	1.012	1.005382	7.15415	7.11 R5	R5															
BB10-16	66.95 massive fresh dolerite	rockmass		90	119.7	52.8				0								50.6	49.5	3189.177	18.2	5.706801	1.05631	6.03 R5								
BB10-16	71.75 massive fresh dolerite	rockmass		90	119.7	43.0		74	50.6	0	27.8	10.85785	1.012	1.005382	10.98814	10.92 R6	R6															
BB10-16	76.8 massive fresh dolerite	rockmass		90	119.7	42.9				0								50.6	48	3092.535	15.7	5.076741	1.049021	5.33 R5								
BB10-16	83.15 massive fresh dolerite	rockmass		90	119.7	36.6		73	50.6	0	22.6	8.826884	1.012	1.005382	8.932806	8.87 R5	R5															
BB10-16	83.2 massive fresh dolerite	rockmass		90	119.7	36.5				0								50.6	49.5	3189.177	29	9.093255	1.05631	9.61 R5								
BB10-16	87.15 massive fresh dolerite	rockmass		90	119.7	32.6		89	50.6	0	39.2	15.31035	1.012	1.005382	15.49407	15.39 R6	R6															
BB10-16	87.2 massive fresh dolerite	rockmass		90	119.7	32.5				0								50.6	50	3221.391	37.9	11.7651	1.058701	12.46 R6								
BB10-16	89.65 massive fresh dolerite	rockmass		90	119.7	30.1		72	50.6	0	28.03	10.94768	1.012	1.005382	11.07905	11.01 R6	R6															
BB10-16	89.7 massive fresh dolerite	rockmass		90	119.7	30.0				0								50.6	47.5	3060.322	34	11.10994	1.046553	11.63 R6								
BB10-16	93.9 massive fresh dolerite	rockmass		90	119.7	25.8		81	50.6	0	31	12.10767	1.012	1.005382	12.25296	12.17 R6	R6															
BB10-16	93.95 massive fresh dolerite	rockmass		90	119.7	25.8				0								50.6	47.5	3060.322	29	9.476129	1.046553	9.92 R5								
BB10-16	100.05 massive fresh dolerite	rockmass		90	119.7	19.7		87	50.6	0	36.9	14.41204	1.012	1.005382	14.58498	14.49 R6	R6															
BB10-16	100.1 massive fresh dolerite	rockmass		90	119.7	19.6				0								50.6	40	2577.113	29.2	11.33051	1.006859	11.41 R6								
BB10-16	103.9 massive fresh dolerite	rockmass		90	119.7	15.8		80	50.6	0	23.1	9.022169	1.012	1.005382	9.130435	9.07 R5	R5															
BB10-16	103.95 massive fresh dolerite	rockmass		90	119.7	15.8				0								50.6	41	2641.541	23	8.70704	1.012468	8.82 R5								
BB10-16	110.75 massive fresh dolerite	rockmass		90	119.7	9.0		79	50.6	0	27.2	10.62351	1.012	1.005382	10.75099	10.68 R6	R6															
BB10-16	110.8 massive fresh dolerite	rockmass		90	119.7	8.9				0								50.6	43.5	2802.61	17.4	6.208498	1.026042	6.37 R5								
BB10-16	114.9 massive fresh dolerite	rockmass		90	119.7	4.8		75	50.6	0	7	2.733991	1.012	1.005382	2.766798		R4	NA													Failed on Jt	
BB10-16	114.95 massive fresh dolerite	rockmass		90	119.7	4.8				0								50.6	44.5	2867.038	8.4	2.929853	1.031302		NA							Spalled
BB10-16	118.25 massive fresh dolerite	rockmass		90	119.7	1.5		80	50.6	0	19.8	7.733288	1.012	1.005382	7.826087		R5	NA														
BB10-16	118.3 massive fresh dolerite	rockmass		90	119.7	1.4				0								50.6	53	3414.675	26.9	7.877764	1.072672	8.45 R5								
BB10-17	3.05 massive coar dolerite	rockmass		90	87.7	84.7		100.5	61.1	1	40.5	10.84857	1.222	1.094415	13.25696	11.87 R6	R6															
BB10-17	3.15 massive coar dolerite	rockmass		90	87.7	84.6				0								61.1	48	3734.267	5.7	1.526404	1.094485		NA							Failed on Jt
BB10-17	9.1 massive coar dolerite	rockmass		90	87.7	78.6		100.4	61.1	1	27.04	7.243096	1.222	1.094415	8.851064		R5	NA														
BB10-17	9.18 massive coar dolerite	rockmass		90	87.7	78.5				0								61.1	59	4590.037	16.24	3.538098	1.146495		NA							
BB10-17	14.65 massive coar dolerite	rockmass		90	87.7	73.1		74	61.1	1	42.6	11.41109	1.222	1.094415	13.94435	12.49 R6	R6															
BB10-17	14.7 massive coar dolerite	rockmass		90	87.7	73.0				0								61.1	59	4590.037	8.53	1.858373	1.146495		NA							
BB10-17	17.45 massive coar dolerite	rockmass		90	87.7	70.3		83	61.1	1	38.7	10.36641	1.222	1.094415	12.66776	11.35 R6	R6															
BB10-17	17.5 massive coar dolerite	rockmass		90	87.7	70.2				0								61.1	56	4356.645	45.4	10.42086	1.133112	11.81 R6								
BB10-17	20.75 massive coar dolerite	rockmass		90	87.7	67.2		100.9	61.1	0	5.7	1.526836	1.222	1.094415	1.865794		R3	NA														
BB10-17	20.35 massive coar dolerite	rockmass		90	87.7	67.4				0								61.1	51	3967.659	30.8	7.762764	1.109516	8.61 R5								
BB10-17	23.9 massive med dolerite	rockmass		90	87.7	63.8		100.8	61.1	1	20.05	5.370713	1.222	1.094415	5.563011	5.88 R5	R5															
BB10-17	23.8 massive med dolerite	rockmass		90	87.7	63.9				0								61.1	63	4901.226	39.7	8.100015	1.163542	9.42 R5								
BB10-17	26.85 massive med dolerite	rockmass		90	87.7	60.9		72	50.6	0	34.3	13.39655	1.012	1.005382	13.55731	13.47 R6	R6															
BB10-17	26.9 massive med dolerite	rockmass		90	87.7	60.8				0								50.6	41	2641.541	25.7	9.729171	1.012468	9.85 R5								
BB10-17	33.15 massive med dolerite	rockmass		90	87.7	54.6		77	50.6	0	27.1	10.58445	1.012	1.005382	10.71146	10.64 R6	R6															
BB10-17	33.2 massive med dolerite	rockmass		90	87.7	54.5				0								50.6	51	3285.819	35.1	10.68227	1.063429	11.36 R6								
BB10-17	36.85 massive fresh dolerite	rockmass		90	87.7	50.9		74	50.6	0	14.6	5.702323	1.012	1.005382	5.770751		R5	NA														
BB10-17	36.9 massive fresh dolerite	rockmass		90	87.7	50.8				0								50.6	46	2963.68	12.2	4.116504	1.039024		NA							
BB10-17	40.35 massive fresh dolerite	rockmass		90	87.7	47.4		82	50.6	0	34.9	13.6309	1.012	1.005382	13.79447	13.70 R6	R6															
BB10-17	40.4 massive fresh dolerite	rockmass		90	87.7	47.3				0								50.6	52	3350.247	35.6	10.62608	1.068085	11.35 R6								
BB10-17	43.7 massive fresh dolerite	rockmass		90	87.7	44.0		94	50.6	0	28.17	11.00236	1.012	1.005382	11.13439	11.06 R6	R6															
BB10-17	43.75 massive fresh dolerite	rockmass		90	87.7	44.0				0								50.6	51	3285.819	14.6	4.443337	1.063429	4.73 R5								
BB10-17	48.4 massive fresh dolerite	rockmass		90	87.7	39.3		82	50.6	0	29	11.32653	1.012	1.005382	11.46245	11.39 R6	R6															
BB10-17	48.45 massive fresh dolerite	rockmass		90	87.7	39.3				0								50.6	53	3414.675	21	6.149927	1.072672	6.80 R5								
BB10-17	57.7 massive fresh dolerite	rockmass		90	87.7	30.0		75	50.6	0	32.6	12.73258	1.012	1.005382	12.88538	12.80 R6	R6															
BB10-17	57.75 massive fresh dolerite	rockmass		90	87.7	30.0				0								50.6	44	2834.824	29	10.22991	1.028684	10.52 R6								
BB10-17	64.85 massive fresh dolerite	rockmass		90	87.7	22.9		72	50.6	0	28.3	11.05313	1.012	1.005382	11.18577	11.11 R6	R6															
BB10-17	64.9 massive fresh dolerite	rockmass		90	87.7	22.8				0								50.6	45	2899.252	36.1	12.45149	1.033898	12.87 R6								
BB10-17	71.1 massive fresh dolerite	rockmass		90	87.7	16.6		88	50.6	0	23	8.983112	1.012	1.005382	9.090909		R5	NA														
BB10-17	71.15 massive fresh dolerite	rockmass		90	87.7	16.6				0								50.6	48	3092.535	22.7	7.340255										

	Depth of test (m)	Rock Description (note planes of weakness)	Lithology	Faulting	plunge	depth to sed	height above base	Moisture Condition (%)	L (mm)	D (2) mm	GP	I _u MPa	F	Revised	I _{u500} (3) MPa	I _s (50) revised	Strength Classification	Strength Revised	W mm	D (2) mm	D _c ² mm ²	GP	I _u MPa	F	I _{u500} (3) MPa	Strength Classification	HQ-H03 diametral	N02 diametral	HQ-H03 axial	N02 axial	Notes and Sketch of Failed Sample:				
BB10-18	75.1	massive fresh	dolerite	rockmass	55	82.4	6.0		69	50.6	0	15.3	5.975722	1.012	1.005382	6.047431	6.01	R5																	
BB10-18	75.15	massive fresh	dolerite	rockmass	55	82.4	5.9				0									50.6	47	3028.108	36.4	12.02071	1.044064	12.55	R6					1			
BB10-18	78.2	massive fresh	dolerite	rockmass	55	82.4	3.4		73	50.6	0	19.8	7.733288	1.012	1.005382	7.826087	7.77	R5											1			1			
BB10-18	78.25	massive fresh	dolerite	rockmass	55	82.4	3.4				0									50.6	50	3221.391	31.2	9.685257	1.058701	10.25	R6						1		
BB10-18	79.6	fine gr dol	dolerite	rockmass	55	82.4	2.3		90	50.6	0	16.9	6.600634	1.012	1.005382	6.679842		R5	NA										1			1	Failed on Jt		
BB10-18	79.65	fine gr dol	dolerite	rockmass	55	82.4	3.3				0									50.6	49	3156.963	30	9.502803	1.053899	10.01	R6						1		
BB10-19	12.85	weathered med	dolerite	fault	55	72.6	48.9		80	61.1	0	50	13.3933	1.222	1.094415	16.36661	14.66	R6	R6									1					did not break at 50		
BB10-19	12.85	weathered med	dolerite	fault	55	72.6	48.9				0									61.1	52	4045.456	34.6	8.552806	1.114375	9.53	R5						1		
BB10-19	17.1	weathered med	dolerite	fault	55	72.6	45.5		73	61.1	1	10.2	2.732233	1.222	1.094415	3.338789		R4	NA									1					failed on jt		
BB10-19	17.75	weathered med	dolerite	fault	55	72.6	44.9				0									61.1	50	3889.862	15	3.856178	1.104584	4.26	R5						1		
BB10-19	20	weathered med	dolerite	fault	55	72.6	43.1		75	61.1	1	15.7	4.205496	1.222	1.094415	5.139116	4.60	R5	R5									1							
BB10-19	20.05	weathered med	dolerite	fault	55	72.6	43.0				0									61.1	45	3500.875	31.6	9.026314	1.078706	9.74	R5						1		
BB10-19	21.7	Med Dol	dolerite	fault	55	72.6	41.7		71	61.1	1	44.7	11.97361	1.222	1.094415	14.63175	13.10	R6	R6									1							
BB10-19	21.75	Med Dol	dolerite	fault	55	72.6	41.7				0									61.1	42.5	3306.382	36.7	11.09974	1.064922	11.82	R6						1		
BB10-19	24.6	Med Dol	dolerite	fault	55	72.6	39.3		80	61.1	1	42.3	11.33073	1.222	1.094415	13.84615	12.40	R6	R6									1							
BB10-19	24.65	Med Dol	dolerite	fault	55	72.6	39.3				0									61.1	39	3034.092	30.3	9.986513	1.044528	10.43	R6						1		
BB10-19	27.4	Part weathd	dolerite	fault	55	72.6	37.0		73	61.1	1	26.3	7.044876	1.222	1.094415	8.608838	7.71	R5	R5									1							
BB10-19	27.45	Part weathd	dolerite	fault	55	72.6	37.0				0									61.1	47	3656.47	33.5	9.161842	1.089312	9.98	R5						1		
BB10-19	28.3	Part weathd	dolerite	fault	55	72.6	35.8		76	61.1	0	40.9	10.95572	1.222	1.094415	13.38789	11.99	R6	R6									1					1		
BB10-19	28.95	Part weathd	dolerite	fault	55	72.6	35.8				0									61.1	38	2956.295	23.3	7.881487	1.038441	8.18	R5						1		
BB10-19	30.8	Med Dol	dolerite	rockmass	55	72.6	34.2		78	61.1	1	40.5	10.84857	1.222	1.094415	13.25696	11.87	R6	R6									1					1		
BB10-19	30.9	Med Dol	dolerite	rockmass	55	72.6	34.2				0									61.1	43.5	3384.18	32.3	9.544411	1.070509	10.22	R6						1		
BB10-19	33.75	fresh med dol	dolerite	rockmass	55	72.6	31.8		78	61.1	1	36.2	9.696749	1.222	1.094415	11.84943	10.61	R6	R6									1							
BB10-19	33.8	fresh med dol	dolerite	rockmass	55	72.6	31.8				0									61.1	54	4201.05	39.2	9.331	1.123878	10.49	R6						1		
BB10-19	36.1	fresh med dol	dolerite	rockmass	55	72.6	29.9		72	61.1	1	40.7	10.90215	1.222	1.094415	13.32242	11.93	R6	R6									1							
BB10-19	36.15	fresh med dol	dolerite	rockmass	55	72.6	29.9				0									61.1	42	3267.484	25.4	7.773566	1.06209	8.26	R5						1		
BB10-19	38.4	Jtd fresh med	dolerite	rockmass	55	72.6	28.0		90	61.1	1	8.7	2.330434	1.222	1.094415	2.847791		R4	NA									1					failed on jt		
BB10-19	38.45	Jtd fresh med	dolerite	rockmass	55	72.6	28.0				0									61.1	47.5	3695.368	12.5	3.382613	1.091909	3.69	R4						1		
BB10-19	40.9	fresh med dol	dolerite	rockmass	55	72.6	26.0		77	61.1	1	33	8.839578	1.222	1.094415	10.80196	9.67	R6	R5									1							
BB10-19	40.95	fresh med dol	dolerite	rockmass	55	72.6	25.9				0									61.1	47.5	3695.368	38.8	10.49963	1.091909	11.46	R6						1		
BB10-19	43.2	fresh jtd med	dolerite	rockmass	55	72.6	24.1		71	61.1	0	42.2	11.30394	1.222	1.094415	13.81342	12.37	R6	R6									1							
BB10-19	43.2	fresh jtd med	dolerite	rockmass	55	72.6	24.0				0									61.1	47	3656.47	22.2	6.07143	1.089312		NA						1		
BB10-19	45.6	fresh med dol	dolerite	rockmass	55	72.6	22.1		80	61.1	1	45.5	12.1879	1.222	1.094415	14.89362	13.34	R6	R6									1					failed on jt		
BB10-19	45.65	fresh med dol	dolerite	rockmass	55	72.6	22.1				0									61.1	42	3267.484	35	10.71161	1.06209	11.38	R6						1		
BB10-19	48.6	fresh med dol	dolerite	rockmass	55	72.6	19.7		84	61.1	1	44.1	11.81289	1.222	1.094415	14.43535	12.93	R6	R6									1							
BB10-19	48.65	fresh med dol	dolerite	rockmass	55	72.6	19.6				0									61.1	45	3500.875	38.6	11.02581	1.078706	11.89	R6						1		
BB10-19	51.15	fresh med dol	dolerite	rockmass	55	72.6	17.6		79	61.1	1	34.1	9.13423	1.222	1.094415	11.16203	10.00	R6	R5									1							
BB10-19	51.25	fresh med dol	dolerite	rockmass	55	72.6	17.5				0									61.1	44.5	3461.977	35	10.10983	1.075998	10.88	R6						1		
BB10-19	55.7	Fine fractured	dolerite	rockmass	55	72.6	13.8		66	50.6	0	15.6	6.092893	1.012	1.005382	6.166008	6.13	R5	R5														1	failed on jt	
BB10-19	55.75	Fine fractured	dolerite	rockmass	55	72.6	13.8				0									50.6	44	2834.824	10.3	3.633382	1.028684		NA							1	failed on jt
BB10-19	58.3	Fine fractured	dolerite	rockmass	55	72.6	11.7		68	50.6	0	19.7	7.69423	1.012	1.005382	7.786561		R5	NA															1	
BB10-19	58.35	Fine fractured	dolerite	rockmass	55	72.6	11.7				0									50.6	46	2963.68	1.7	0.573611	1.039024		NA							1	failed on jt
BB10-19	63	Fresh fine chi	dolerite	rockmass	55	72.6	7.9		68	50.6	0	16.3	6.366292	1.012	1.005382	6.442688	6.40	R5	R5									1							
BB10-19	63.10-19	Fresh fine chi	dolerite	rockmass	55	72.6	7.8				0									50.6	37.5	2416.043	12.6	5.215138	0.992344	5.18	R5						1		1
BB10-19	71.55	Fresh fine chi	dolerite	rockmass	55	72.6	0.8		69	50.6	0	23.3	9.100283	1.012	1.005382	9.209486	9.15	R5	R5									1							
BB10-19	71.6	Fresh fine chi	dolerite	rockmass	55	72.6	0.8				0									50.6	42	2705.968	7	2.586874	1.017973	2.63	R4						1		1
BB10-20	4.1	fresh coarse c	dolerite	fault	55	117.6	93.0		78	61.1	1	38.25	10.24587	1.222	1.094415	12.52046	11.21	R6	R6									1							
BB10-20	4.15	fresh coarse c	dolerite	fault	55	117.6	92.9				0									61.1	39.5	3072.991	28.44	9.254828	1.047526	9.69	R5						1		
BB10-20	14.2	fresh coarse c	dolerite	fault	55	117.6	84.7		75	61.1	1	29.37	7.867224	1.222	1.094415	9.613748	8.61	R5	R5									1							
BB10-20	14.25	fresh coarse c	dolerite	fault	55	117.6	84.7				0									61.1	40	3111.889	29.09	9.348019	1.050495	9.82	R5						1		
BB10-20	23.15	fresh coarse c	dolerite	fault	55	117.6	77.4		78	61.1	1	23.21	6.21717	1.222	1.094415	7.597381	6.80	R5	R5									1							
BB10-20	23.2	fresh coarse c	dolerite	fault	55	117.6	77.3				0									61.1	43	3345.281	30.61												

	Depth of test (m)	Rock Description (note planes of weakness)	Lithology	Faulting	plunge	depth to sed	height above base	Molauire Conditon (1)	L (mm)	D (2) mm	GP	I _a MPa	F	Revised	I _{iso} (3) MPa	Is (50) revised	Strength Classification	Strength Revised	W mm	D (2) mm	D _e ² mm²	GP	I _a MPa	F	I _{iso} (3) MPa	Strength Classification	HQ-HQ3 diametral	NQ2 diametral	HQ-HQ3 axial	NQ2 axial	Notes and Sketch of Failed Sample:	
BB10-20	103.45	fresh jointed r	dolerite	rockmass	55	117.6	11.6		78	61.1	1	19.92	5.335891	1.222	1.094415	6.520458	5.84 R5	R5									1					
BB10-20	103.55	fresh jointed r	dolerite	rockmass	55	117.6	11.5				0								61.1	43	3345.281	11.69	3.494475	1.067728	3.73 R4			1		1		
BB10-20	107.05	fresh massive dolerite	dolerite	rockmass	55	117.6	8.6		80	61.1	1	22.37	5.992162	1.222	1.094415	7.322422	6.56 R5	R5									1					
BB10-20	107.1	fresh massive dolerite	dolerite	rockmass	55	117.6	8.6				0								61.1	43.5	3384.18	8.9	2.629884	1.070509	2.82 R4			1		1		
BB10-20	111.65	fresh massive dolerite	dolerite	rockmass	55	117.6	4.9		72	61.1	1	16.62	4.451933	1.222	1.094415	5.440262	4.87 R5	R5									1					
BB10-20	111.7	fresh massive dolerite	dolerite	rockmass	55	117.6	4.8				0								61.1	42	3267.484	27.91	8.541741	1.06209	9.07 R5			1		1		
BB10-20	114.55	fresh massive dolerite	dolerite	rockmass	55	117.6	2.5		80	61.1	1	20.51	5.493931	1.222	1.094415	6.713584	6.01 R5	R5									1					
BB10-20	114.6	fresh massive dolerite	dolerite	rockmass	55	117.6	2.5				0								61.1	40	3111.889	22.32	7.172492	1.050495	7.53 R5				1			
BB10-21	5.9	fresh coarse d	dolerite	fault	65	113.2	97.2		75	61.1	1	16.97	4.545686	1.222	1.094415	5.554828	4.97 R5	R5									1					
BB10-21	5.95	fresh coarse d	dolerite	fault	65	113.2	97.2				0								61.1	47	3656.47	8.13	2.223456	1.089312	2.42 R4					1		
BB10-21	24.3	fresh coarse d	dolerite	fault	65	113.2	80.6		80	61.1	1	35.95	9.629782	1.222	1.094415	11.76759	10.54 R6	R6									1					
BB10-21	24.35	fresh coarse d	dolerite	fault	65	113.2	80.5				0								61.1	47	3656.47	26.16	7.154442	1.089312	7.79 R5					1		
BB10-21	30.15	fresh coarse d	dolerite	fault	65	113.2	75.3		80	61.1	1	28.59	7.658289	1.222	1.094415	9.358429	8.38 R5	R5									1					
BB10-21	30.2	fresh coarse d	dolerite	fault	65	113.2	75.2				0								61.1	40	3111.889	29.6	9.511907	1.050495	9.99 R5					1		
BB10-21	44.85	fresh med dol	dolerite	fault	65	113.2	61.9		80	61.1	1	45.62	12.22005	1.222	1.094415	14.9329	13.37 R6	R6									1					
BB10-21	44.9	fresh med dol	dolerite	fault	65	113.2	61.9				0								61.1	45	3500.875	39.48	11.27718	1.078706	12.16 R6					1		
BB10-21	47.6	fresh med dol	dolerite	fault	65	113.2	59.5		80	61.1	1	45.89	12.29237	1.222	1.094415	15.02128	13.45 R6	R6									1					
BB10-21	47.65	fresh med dol	dolerite	fault	65	113.2	59.4				0								61.1	42	3267.484	33.12	10.13624	1.06209	10.77 R6					1		
BB10-21	51.25	fresh med dol	dolerite	fault	65	113.2	56.1		76	61.1	1	45.4	12.16112	1.222	1.094415	14.86088	13.31 R6	R6									1					
BB10-21	51.3	fresh med dol	dolerite	fault	65	113.2	56.1				0								61.1	39	3034.092	29.49	9.719547	1.044528	10.15 R6					1		
BB10-21	58.65	fresh med dol	dolerite	fault	65	113.2	49.4		70	61.1	1	27.45	7.352921	1.222	1.094415	8.98527	8.05 R5	R5									1					
BB10-21	58.7	fresh med dol	dolerite	fault	65	113.2	49.4				0								61.1	40	3111.889	31.78	10.21245	1.050495	10.73 R6					1		
BB10-21	69.5	fresh med dol	dolerite	fault	65	113.2	39.6		76	61.1	1	28.16	7.543106	1.222	1.094415	9.217676	8.26 R5	R5									1					
BB10-21	69.55	fresh med dol	dolerite	fault	65	113.2	39.6				0								61.1	44	3423.078	8.9	2.599999	1.073266	2.79 R4					1		
BB10-21	73.3	fresh med dol	dolerite	fault	65	113.2	36.2		77	61.1	1	43.07	11.53699	1.222	1.094415	14.0982	12.63 R6	R6									1					
BB10-21	73.35	fresh med dol	dolerite	fault	65	113.2	36.1				0								61.1	40.5	3150.788	26.8	8.505809	1.053435	8.96 R5					1		
BB10-21	87.55	fresh med dol	dolerite	rockmass	65	113.2	23.2		80	61.1	1	34.8	9.321737	1.222	1.094415	11.39116	10.20 R6	R6									1					
BB10-21	87.6	fresh med dol	dolerite	rockmass	65	113.2	23.2				0								61.1	46	3578.673	26.77	7.480427	1.084054	8.11 R5					1		
BB10-21	91.75	fresh med dol	dolerite	rockmass	65	113.2	19.4		71	61.1	1	35.7	9.562816	1.222	1.094415	11.68576	10.47 R6	R6									1					
BB10-21	91.8	fresh med dol	dolerite	rockmass	65	113.2	19.4				0								61.1	43	3345.281	30.06	8.985792	1.067728	9.59 R5					1		
BB10-21	93.85	fresh med dol	dolerite	rockmass	65	113.2	17.5		63	50.6	0	27.65	10.79926	1.012	1.005382	10.92885	10.86 R6	R6										1				
BB10-21	93.9	fresh med dol	dolerite	rockmass	65	113.2	17.5				0								50.6	38	2448.257	22.21	9.071759	0.995305	9.03 R5						1	
BB10-21	99.65	fresh med dol	dolerite	rockmass	65	113.2	12.3		70	50.6	0	15.96	6.233498	1.012	1.005382	6.3083	6.27 R5	R5										1				
BB10-21	99.7	fresh med dol	dolerite	rockmass	65	113.2	12.2				0								50.6	40	2577.113	16.96	6.581008	1.006859	6.63 R5						1	
BB10-21	104.75	fresh med dol	dolerite	rockmass	65	113.2	7.7		60	50.6	0	27.12	10.59226	1.012	1.005382	10.71937	10.65 R6	R6										1				
BB10-21	104.8	fresh med dol	dolerite	rockmass	65	113.2	7.6				0								50.6	38	2448.257	13.33	5.444689	0.995305	5.42 R5						1	
BB10-21	110.9	fresh fine dol	dolerite	rockmass	65	113.2	2.4		70	50.6	0	29.75	11.61946	1.012	1.005382	11.75889	11.68 R6	R6														
BB10-21	110.65	fresh fine dol	dolerite	rockmass	65	113.2	2.3				0								50.6	40	2577.113	26.3	10.20522	1.006859	10.28 R6					1		
BB10-21	112.65	fresh fine dol	dolerite	rockmass	65	113.2	0.5		64	50.6	0	19.63	7.666891	1.012	1.005382	7.758893	7.71 R5	R5														
BB10-21	112.7	fresh fine dol	dolerite	rockmass	65	113.2	0.5				0								50.6	41	2641.541	23.85	9.028822	1.012468	9.14 R5						1	
												count			400.00								count			395.00		198	253	195	254	
												average			9.55			TOTAL TESTS				900		average		7.77						
												std dev			3.80								std dev		3.39							
												min			0.00			TOTAL CORE SIZES					min		0.00							
												25% quartile			7.30							393		25% quartile		5.54						
												50% quartile			10.51							507		50% quartile		8.57						
												75% quartile			12.23									75% quartile		10.38						
												max			16.72			SUMMARY OF RESULTS						max		14.08						
																		HQ + HQ3														
																		R1					0									
																		R2					0									
																		R3					12									
																		R4					33									
																		R5					120									
																		R6					188									
												count			400.00			NQ2					count		395.00							
												mean			9.55			R1					0		mean		7.77					
												std dev			3.80			R2					0		std dev		3.39					
												min			0.00			R4					35		min		0.00					
												25% quartil			7.30			R5					229		25% quartil		5.54					
												50% quartil			10.51			R6					196		50% quartil							