

SUMMARY OF DYNAMIC CONE PENETRATION TEST DATA

Rehabilitation of Pali Highway
Waokanaka Street to Kamehameha Highway
Honolulu to Kaneohe, Oahu, Hawaii

Boring No.		B-1	B-2	B-5	B-6	B-7	B-8	B-9	B-10	B-11	B-14	B-15	B-16	B-19	B-20	C-14	C-16	C-18	C-19	C-20	C-28	C-29
Depth (feet)	Depth (inches)	No. of Blows for Each Depth Increment																				
1.50	18																					
1.58	19																					
1.67	20																					
1.75	21								1													
1.83	22								1													
1.92	23								1													
2.00	24	6						1	1													
2.08	25	6						1	1													
2.17	26	10						1	1													
2.25	27	10/0" REF.						1	2													
2.33	28							2	1													
2.42	29							1	1													
2.50	30							1	2													
2.58	31							1	1													
2.67	32					5		1	2													
2.75	33					12		1	3													
2.83	34			1		9		2	3													
2.92	35			1		6		1	3	1												
3.00	36			1		2		1	2	1												
3.08	37			1		1		1	1	1												
3.17	38			1		1		1	1	1												
3.25	39			1		2		1	1	1												
3.33	40			1		3		2	2	1												
3.42	41			1		5		1	1	1												
3.50	42			1		6		1	2	1												
3.58	43			1		5		2	1	2												
3.67	44			1		5		1	2	1												
3.75	45			2		5	1	1	1	1												
3.83	46			1		3	2	1	1	1							7	2			1	
3.92	47		4	1		5	2	2	1	2				3			10	8	4		1	
4.00	48		5	2	1	4	1	1	2	1		1	3	3			7	5	3		2	1
4.08	49		2	1	4	6	2	2	1	1		1	4	6			5	3	2		5	10
4.17	50		2	2	3	6	1	1	1	1		1	3	4			8	2	6	2	3	3
4.25	51		2	1	2	6	3	2	2	1	1	1	2	4			5	2	3	2	12	1
4.33	52		3	2	1	6	1	2	1	1	2	1	1	2			5	2	3	2	23	3

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Depth (feet)	Depth (inches)	No. of Blows for Each Depth Increment																				
4.42	53		3	1	1	7	2	2	2	2	3	1	1	2			4	1	5	2	5	8
4.50	54		2	2	1	8	5	3	1	1	1	1	1	5	1		5	2	4	2	2	4
4.58	55		2	1	1	11	9	2	2	2	1	1	1	5	1	1	4	2	2	2	3	3
4.67	56		1	2	1	8	4	2	1	1	1	1	1	4	1	1	2	1	3	1	1	2
4.75	57		1	1	1	6	4	2	3	1	2	1	1	2	1	1	1	2	5	2	2	2
4.83	58		1	2	1	6	4	2	2	1	1	1	1	2	1	1	2	2	4	1	2	3
4.92	59		2	2	1	5	4	2	2	2	2	1	1	1	3	1	1	2	2	2	1	2
5.00	60		1	2	1	6	3	2	2	1	1	1	2	2	1	1	2	1	3	2	2	3
5.08	61		2		1		2	3	3	2	1	1	1	2	1	1	2	2	3	2	2	2
5.17	62		1		2		2	2	2	1	1	1	2	1	1	1	1	1	3	2	3	3
5.25	63		2		1		1	2	3	2	1	2	1	1	1	1	1	2	2	2	2	2
5.33	64		1		1		2	1	2	4	1	1	2	1	1	1	1	1	2	2	3	3
5.42	65		3		1		3	2	2	2	1	1	1	1	2	1	1	1	2	2	3	3
5.50	66		5		1		20	1	3	3	1	1	2	2	1	1	1	1	3	2	4	3
5.58	67		7		1		10/0" REF.	2	3	2	1	1	2	1	1	1	1	1	3	2	5	4
5.67	68		8		1			1	3	3	1	1	1	1	3	1	1	4	3	2	11	3
5.75	69		7		1			2	2	3	1	1	1	1	3	1	1	4	2	2	8	5
5.83	70		5		1			1	3	2	1	1	2	2	3	1	1	3	2	2	4	4
5.92	71		3		1			2	3	3	1	2	1	1	2	1	1	4	1	2	4	4
6.00	72		5		1			1	3	2	1	2	1	1	2	1	1	4	2	2	4	5
6.08	73		3		1			1		2	1	2	1	1	3	1	1	5	3	2	4	4
6.17	74		4		1			2		1	1	1	1	1	2	1	1	5	2	3	4	4
6.25	75		8		1			1		2	1	2	1	1	3	1	1	6	2	6	4	5
6.33	76		15		1			1		2	1	1	2	2	2	1	1	4	2	3	5	5
6.42	77				1			1		2	1	2	1	1	3	1	1	4	2	3	5	6
6.50	78				1			1		3	1	2	2	2	2	1	1	3	1	2	7	5
6.58	79				1			1		3	1	2	1	1	2	1	1	4	2	2	7	6
6.67	80				1			1		2	1	2	2	1	2	1	1	3	1	4	5	5
6.75	81				1			1		2	1	1	7	2	2	1	1	4	3	3	4	8
6.83	82				1			1		3	1	2	6	1	2	1	1	4	2	2	5	6
6.92	83				1			1		3	1	1	8	1	3	1	1	4	2	3	4	8
7.00	84				1			1		3	1	2	6	2	4	1	1	4	1	3	9	8
7.08	85				1			2		2	1	2	3	1	3	1	1	5	1	3	5	7
7.17	86				1			1		2	1	2	2	2	3	1	1	5	1	4	6	9
7.25	87				1			1		3	1	1	1	1	3	1	1	3	2	4	6	10

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Depth (feet)	Depth (inches)	No. of Blows for Each Depth Increment																				
7.33	88				1			1		2	1	2	1	1	3	1	1	5	1	3	6	11
7.42	89				1			2		3	1	2	1	1	2	1	1	3	1	3	5	10
7.50	90				1			2		2	1	2	1	2	3	1	1	4	2	3	13	9
7.58	91				1			2		3	1	1	2	1	3	1	1	3	1	3	13	10
7.67	92				1			2		3	1	2	2	2	2	1	1	3	2	6	8	9
7.75	93				1			1		2	1	1	2	2	3	1	1	4	2	4	6	11
7.83	94				1			2		3	1	2	2	1	3	1	1	4	1	4	4	10
7.92	95				1			1		2	1	2	1	2	3	1	1	3	2	4	5	10
8.00	96				1			2		3	1	1	2	9	2	1	1	4	2	3	5	10
8.08	97				1																	
8.17	98				1																	
8.25	99				1																	
8.33	100				1																	
8.42	101				1																	
8.50	102				1																	
8.58	103				1																	
8.67	104				2																	
8.75	105				1																	
8.83	106				2																	
8.92	107				2																	
9.00	108				2																	
9.08	109																					
9.17	110																					
9.25	111																					
9.33	112																					
9.42	113																					
9.50	114																					
9.58	115																					
9.67	116																					
9.75	117																					
9.83	118																					