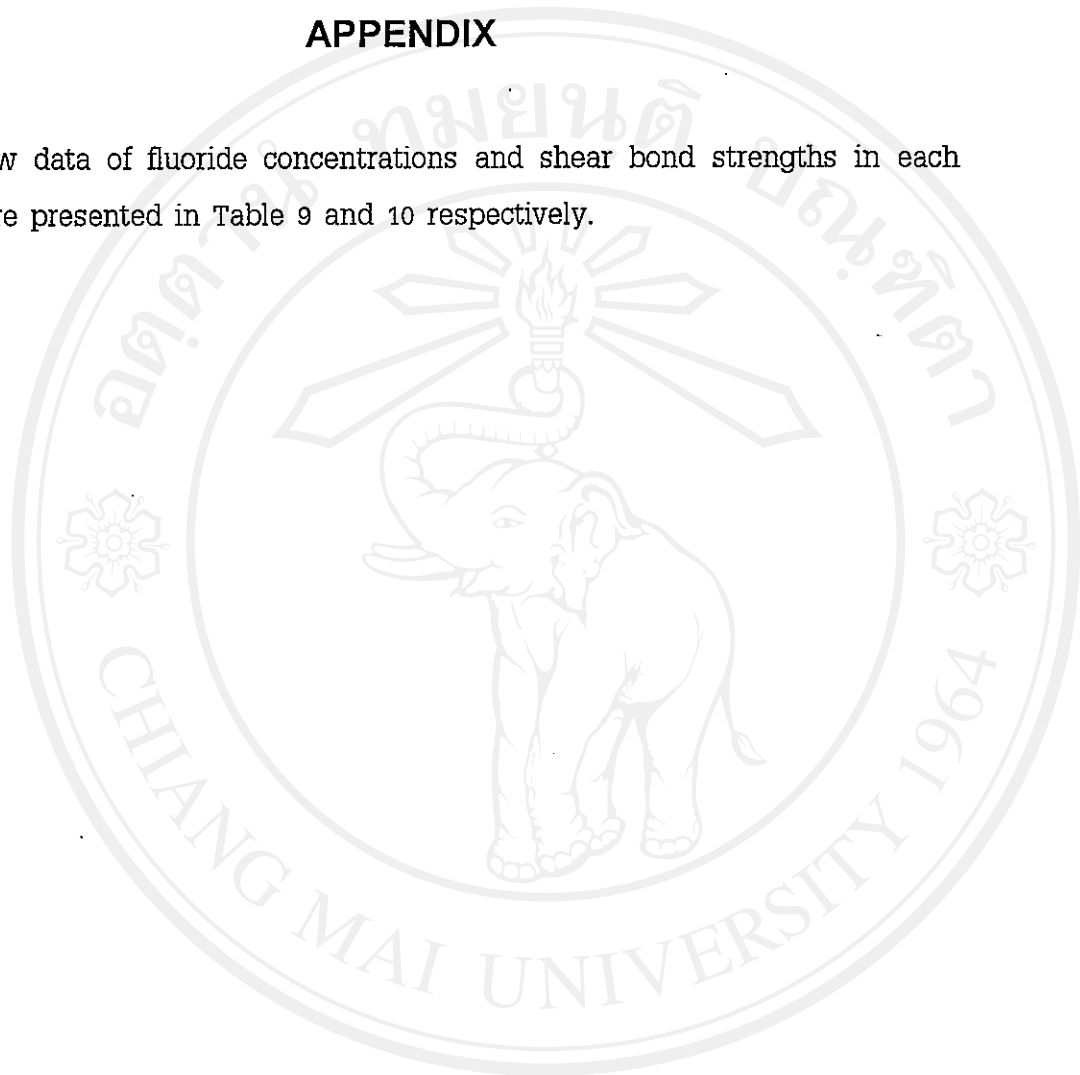


APPENDIX

Raw data of fluoride concentrations and shear bond strengths in each sample were presented in Table 9 and 10 respectively.



ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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Table 9 The data of fluoride concentrations (F^- conc.) in group 1 (non-fluorosis teeth), group 2 (very mild, mild fluorosis teeth) and group 3 (moderate, severe fluorosis teeth)

n	Fluoride concentrations (F^- conc.), (Part per million, ppm)					
	Group 1		Group 2		Group 3	
	Tooth no, (Dean's score)	F^- conc.	Tooth no, (Dean's Score)	F^- conc.	Tooth no, (Dean's score)	F^- conc.
1	14 (0)	230.00	14 (1)	290.00	24 (3)	320.00
2	24 (0)	250.00	24 (1)	300.00	14 (4)	350.00
3	24 (0)	220.00	14 (2)	290.00	14 (4)*	560.00
4	14 (0)	270.00	14 (1)	290.00	24 (4)*	570.00
5	24 (0)	260.00	24 (1)	280.00	14 (3)	370.00
6	14 (0)	260.00	14 (1)	360.00	24 (3)	300.00
7	14 (0)	260.00	24 (1)	260.00	14 (4)	320.00
8	14 (0)	290.00	14 (1)	270.00	24 (3)	350.00
9	24 (0)	250.00	14 (1)	250.00	14 (3)	330.00
10	24 (0)	209.00	14 (1)	240.00	24 (3)	440.00
11	24 (0)	218.00	24 (2)	360.00	24 (3)	370.00
12	14 (0)	230.00	24 (2)	240.00	14 (3)	370.00
13	14 (0)	350.00	14 (2)	300.00	24 (3)*	560.00
14	14 (0)	350.00	14 (1)	250.00	24 (3)*	540.00
15	14 (0)	290.00	14 (1)	290.00	14 (3)	340.00
16	24 (0)	460.00	24 (2)	320.00	14 (3)	340.00
17	14 (0)	400.00	14 (2)	340.00	24 (3)	300.00
18	44 (0)	280.00	34 (1)	250.00	34 (3)*	540.00
19	34 (0)	280.00	44 (1)	250.00	44 (3)	380.00
20	44 (0)	320.00	44 (1)	320.00	34 (4)	490.00
21	44 (0)	240.00	34 (1)	300.00	44 (4)	450.00
22	44 (0)	250.00	34 (2)	530.00	44 (4)*	590.00
23	34 (0)	300.00	44 (1)	350.00	44 (4)	420.00
24	44 (0)	300.00	34 (1)	360.00	44 (3)	530.00
25	44 (0)	310.00	44 (2)	410.00	34 (3)	320.00
26	44 (0)	300.00	44 (1)	280.00	34 (3)	480.00
27	44 (0)	320.00	34 (1)	300.00	34 (3)	400.00
28	44 (0)	300.00	34 (2)	350.00	34 (3)	480.00
29	44 (0)	300.00	44 (1)	280.00	44 (3)	390.00
30	34 (0)	290.00	34 (1)	320.00	44 (4)*	520.00

* High fluoride concentration samples

Table 10 The data of shear bond strengths in group 1 (non-fluorosis teeth), group 2 (very mild, mild fluorosis teeth) and group 3 (moderate, severe fluorosis teeth).

n	Shear bond strength (N/mm ²)		
	Group 1	Group 2	Group 3
1	11.78	9.50	13.41
2	11.43	12.62	4.26 *
3	11.08	15.78	3.49 *
4	11.21	10.67	2.06 *
5	16.49	15.26	13.54
6	10.52	8.73	10.81
7	12.07	14.25	6.96
8	17.27	6.60	9.16
9	13.70	7.24	6.68
10	12.06	9.54	8.70
11	11.58	6.79	5.73 *
12	13.11	7.04	7.67
13	12.25	9.37	8.86
14	8.48	9.83	6.30
15	11.51	9.61	6.95
16	8.55	10.55	8.00
17	8.00	6.98	15.41
18	13.00	6.26	8.42
19	10.09	8.30	13.86
20	10.31	9.42	2.16 *
21	8.94	10.85	6.26
22	9.77	7.90	5.17 *
23	11.92	16.60	2.63 *
24	7.98	13.27	7.71
25	9.54	13.39	6.77
26	8.35	12.48	4.64 *
27	17.01	13.19	10.56
28	12.16	12.22	13.28
29	10.44	10.73	9.30
30	7.91	10.40	8.44

* Low shear bond strength samples