

Table 3b (dehyd 1)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 DEHYD1														PAGE 13					
H	K	L	F0	FC	H	K	L	F0	FC	H	K	L	F0	FC	H	K	L	F0	FC
-6	6	9	17	16	-16	8	9	29	-31	-16	10	9	14	12	-14	0	10	18	20
-4	6	9	12	11	-14	8	9	49	49	-12	10	9	75	75	-12	0	10	42	-45
-2	6	9	60	-60	-12	8	9	52	-52	-8	10	9	32	29	-10	0	10	68	66
0	6	9	29	28	-10	8	9	31	-31	-6	10	9	12	12	-8	0	10	71	-71
-17	7	9	29	-28	-8	8	9	17	-17	-4	10	9	57	-57	-6	0	10	46	47
-15	7	9	27	-26	-4	8	9	20	18	-13	11	9	18	-18	-13	1	10	24	-25
-13	7	9	35	-36	-17	9	9	18	-18	-7	11	9	20	-19	-11	1	10	55	54
-11	7	9	7	30	-15	9	9	18	18	-9	11	9	25	-24	-9	1	10	16	-16
-7	7	9	29	-8	-13	9	9	41	42	-5	11	9	21	21	-7	1	10	15	15
-5	7	9	29	-26	-11	9	9	36	-34	-12	12	9	22	-22	-5	1	10	17	15
-3	7	9	46	-44	-9	9	9	23	23	-10	12	9	24	-27	-16	2	10	64	-62
-1	7	9	39	-40	-7	9	9	25	23	-8	12	9	29	-30	-12	2	10	15	-16
-18	8	9	33	34	-3	9	9	25	28	-16	0	10	45	47	-10	2	10	16	-16

Table 3c for deposit

Observed and calculated structure factors

for partially dehydrated clinoptilolite (dehyd 2)

space group C2/m

$$a = 17.605(2) \text{ \AA}$$

$$b = 17.692(4) \text{ \AA}$$

$$c = 7.412(3) \text{ \AA}$$

$$\beta = 116.84^\circ$$

Table 3c (dehyd 2)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 CLIDEHY2												PAGE 1												
H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC					
2	4	0	183	-185	14	4	0	70	74	14	8	0	64	-64	3	13	0	14	-11	14	18	0	73	-73
4	0	0	218	215	16	4	0	13	12	16	8	0	9	-8	5	13	0	16	122	16	18	0	27	-27
6	0	0	6	3	18	4	0	18	19	18	8	0	37	-38	7	13	0	18	43	18	18	0	11	-14
8	0	0	105	-110	20	4	0	11	9	1	9	0	103	-101	9	13	0	5	-98	5	19	0	12	12
10	0	0	167	168	1	5	0	22	21	3	9	0	80	79	11	13	0	7	45	7	19	0	14	14
12	0	0	8	-4	3	5	0	195	-194	5	9	0	66	-66	11	13	0	13	-5	9	19	0	43	44
14	0	0	81	82	7	5	0	65	71	7	9	0	110	109	15	13	0	17	-11	9	19	0	22	22
16	0	0	72	73	9	5	0	20	-19	9	9	0	61	61	17	13	0	19	43	11	19	0	57	57
18	0	0	26	24	9	5	0	105	103	11	9	0	52	-54	21	13	0	19	-43	17	19	0	12	12
24	1	1	31	30	11	5	0	63	62	15	9	0	46	47	2	14	0	4	11	17	19	0	9	9
1	1	1	53	-51	13	5	0	43	-46	21	9	0	29	-28	0	14	0	6	15	4	20	0	12	12
3	1	1	80	-85	15	5	0	35	-35	10	10	0	153	162	4	14	0	8	-35	6	20	0	34	34
5	1	1	11	9	17	5	0	55	-55	2	10	0	31	-32	6	14	0	8	-9	8	20	0	20	20
7	1	1	13	13	19	5	0	51	-53	4	10	0	30	-32	8	14	0	8	-23	8	20	0	29	29
9	1	1	37	-34	23	5	0	16	-15	6	10	0	130	130	10	14	0	10	-14	10	20	0	9	9
11	1	1	46	44	0	6	0	54	56	8	10	0	63	-63	12	14	0	12	-25	12	20	0	14	14
13	1	1	34	34	2	6	0	109	109	14	10	0	41	-43	14	14	0	14	-25	14	20	0	10	10
15	1	1	32	-33	4	6	0	11	-53	16	10	0	23	-24	16	14	0	16	-43	16	20	0	12	12
17	1	1	39	38	6	6	0	57	70	14	10	0	71	73	16	14	0	16	10	16	20	0	28	28
23	1	1	21	22	8	6	0	67	-70	18	10	0	8	10	18	14	0	18	-21	18	20	0	39	39
25	0	0	6	-6	10	6	0	131	-127	20	10	0	27	27	20	10	0	20	-20	20	20	0	24	24
2	2	2	217	-234	10	6	0	15	13	22	10	0	33	-34	5	15	0	5	-40	5	21	0	51	51
4	2	2	73	-71	12	6	0	61	62	14	11	0	41	-41	9	15	0	9	-25	9	21	0	14	14
6	2	2	25	-27	14	6	0	72	-74	16	11	0	19	-21	15	15	0	13	15	15	21	0	29	29
8	2	2	10	-18	18	6	0	49	49	18	11	0	11	-9	17	15	0	17	-54	17	21	0	13	13
10	2	2	58	-59	20	6	0	39	-39	20	11	0	20	-20	19	15	0	19	52	19	22	0	50	50
12	2	2	19	-18	22	6	0	16	16	22	11	0	11	-7	0	16	0	0	-51	0	22	0	13	13
14	2	2	89	-92	24	6	0	16	-16	24	11	0	20	20	2	16	0	2	-23	2	22	0	30	30
16	2	2	57	-49	1	7	0	71	69	1	11	0	6	-21	4	16	0	4	-8	4	24	0	51	51
18	2	2	48	-65	3	7	0	62	-65	3	11	0	21	26	6	16	0	6	30	6	24	0	31	31
1	3	3	64	-65	5	7	0	147	-147	5	11	0	27	26	8	16	0	8	1	8	24	0	12	12
3	3	3	188	-183	7	7	0	108	-111	7	11	0	8	-11	10	16	0	10	9	10	24	0	23	23
5	3	3	232	-227	9	7	0	40	44	9	11	0	7	5	12	16	0	12	-27	12	23	0	34	34
7	3	3	56	-52	11	7	0	13	14	11	11	0	110	114	16	16	0	16	26	16	23	0	30	30
9	3	3	29	-30	13	7	0	31	31	13	12	0	117	-117	20	16	0	20	-27	20	23	0	34	34
11	3	3	56	-56	15	7	0	28	-26	15	12	0	11	9	3	17	0	3	10	3	23	0	18	18
13	3	3	17	16	17	7	0	14	15	4	12	0	97	79	7	17	0	7	-81	7	24	0	14	14
15	3	3	30	30	19	7	0	15	-13	6	12	0	78	-81	9	17	0	9	-37	9	24	0	14	14
17	3	3	8	8	23	7	0	19	-18	8	12	0	30	-30	11	17	0	11	-10	11	24	0	27	27
23	0	0	56	-55	2	8	0	118	-108	2	12	0	68	-68	13	17	0	13	38	13	24	0	9	9
2	4	4	191	-18	4	8	0	55	-47	4	12	0	30	-32	15	17	0	15	-18	15	24	0	15	15
4	4	4	41	37	6	8	0	27	-23	6	12	0	41	-41	4	18	0	4	-32	4	25	0	9	9
6	4	4	127	120	8	8	0	106	-101	8	12	0	18	-19	6	18	0	6	-27	6	25	0	17	17
8	4	4	15	-4	10	8	0	21	-21	10	12	0	18	16	8	18	0	8	12	8	25	0	18	18
10	4	4	8	30	12	8	0	13	9	1	13	0	22	22	10	18	0	10	-38	10	25	0	11	11
12	4	4			13	8	0			1	13	0			12	18	0	12		12	26	0		

Table 3c (dehyd 2)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MW 05/30/90 CLIDEHY2												PAGE 2											
H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC				
6	26	0	13	-12	-16	2	10	8	-6	4	1	72	65	-8	6	1	12	-13	-6	8	1	19	15
1	27	0	16	-14	-14	2	26	25	-4	4	1	161	159	-6	6	1	83	-78	-4	8	1	34	33
3	27	0	13	-12	-12	2	38	-38	-2	4	1	89	-84	-4	6	1	48	50	-2	8	1	46	43
7	27	0	46	-45	-10	2	56	-52	0	4	1	14	12	-2	6	1	145	-144	0	8	1	19	-11
0	28	0	10	-10	-8	2	11	-5	2	4	1	43	-39	0	6	1	141	139	2	8	1	9	4
2	28	0	11	11	-6	2	162	-164	4	4	1	140	133	2	6	1	127	-127	4	8	1	86	81
26	0	1	13	12	-4	2	128	-127	4	4	1	113	-106	2	6	1	129	-125	4	8	1	97	8
-24	0	1	9	45	-2	2	25	29	8	8	1	78	75	6	6	1	81	-121	8	8	1	9	8
-18	0	1	42	7	0	2	48	-49	10	4	1	31	32	4	6	1	122	-121	10	8	1	89	-89
-16	0	1	13	-13	2	2	105	103	12	4	1	32	-30	8	6	1	72	74	10	8	1	42	-41
-14	0	1	60	-61	4	2	64	-60	14	4	1	29	27	12	6	1	24	-22	14	8	1	42	44
-12	0	1	161	164	4	2	93	-99	16	4	1	48	-48	14	6	1	26	-25	16	8	1	41	-42
-10	0	1	11	5	6	2	25	23	18	4	1	30	27	16	6	1	41	43	18	8	1	49	47
-8	0	1	23	-18	8	2	167	-168	18	4	1	23	23	16	6	1	48	-48	18	8	1	20	-18
-6	0	1	114	105	10	2	29	-28	20	4	1	20	-21	18	6	1	19	18	20	8	1	20	20
-4	0	1	156	156	12	2	21	13	22	4	1	29	-29	20	6	1	15	15	22	8	1	12	12
-2	0	1	108	113	14	2	26	25	25	4	1	22	23	22	6	1	9	15	25	8	1	22	21
0	0	1	66	-71	24	3	26	25	-21	5	1	8	-6	-23	7	1	14	16	-23	9	1	36	36
0	0	1	11	-9	-25	3	32	-28	-19	5	1	31	-30	-23	7	1	14	16	-23	9	1	40	41
0	0	1	11	-9	-23	3	29	-28	-19	5	1	95	97	-19	7	1	21	19	-19	9	1	31	-31
4	0	1	112	-108	-17	3	87	-87	-15	5	1	19	-18	-17	7	1	36	36	-15	9	1	25	-25
6	0	1	67	-65	-15	3	20	19	-11	5	1	58	56	-13	7	1	34	-32	-9	9	1	15	15
8	0	1	80	80	-13	3	104	-105	-9	5	1	80	-81	-13	7	1	91	-93	-9	9	1	78	-81
10	0	1	97	98	-11	3	57	-57	-9	5	1	8	8	-11	7	1	37	39	-11	9	1	15	-17
12	0	1	70	71	-9	3	19	19	-7	5	1	104	-108	-9	7	1	61	-61	-7	9	1	14	14
14	0	1	39	40	-7	3	6	3	-5	5	1	104	-108	-7	7	1	46	44	-5	9	1	58	-59
16	0	1	45	46	-5	3	9	8	-3	5	1	172	169	-5	7	1	27	-26	-3	9	1	49	-39
22	0	1	17	16	-3	3	13	11	-1	5	1	17	15	-3	7	1	80	-76	-3	9	1	29	29
19	0	1	11	10	-1	3	9	8	-1	5	1	215	215	-1	7	1	24	24	-1	9	1	23	-25
-17	1	1	15	14	1	3	49	43	3	5	1	91	89	1	7	1	23	14	3	9	1	26	26
-15	1	1	33	32	3	3	54	-57	5	5	1	87	82	3	7	1	102	-95	5	9	1	29	-26
-11	1	1	27	27	5	3	75	73	7	5	1	67	67	5	7	1	85	-87	7	9	1	30	30
-9	1	1	21	20	5	3	72	73	9	5	1	91	93	7	7	1	67	67	9	9	1	22	22
-7	1	1	90	-86	9	3	75	73	11	5	1	67	67	9	7	1	14	15	11	9	1	61	62
-5	1	1	84	-85	11	3	122	-124	13	5	1	5	39	11	7	1	56	53	11	9	1	24	24
-3	1	1	97	-96	13	3	69	69	15	5	1	85	85	13	7	1	67	-69	15	9	1	22	22
-1	1	1	42	-39	15	3	61	-61	17	5	1	21	18	15	7	1	17	-19	17	9	1	47	47
-1	1	1	176	178	17	3	33	-35	19	5	1	21	18	19	7	1	60	-61	19	9	1	37	37
1	1	1	75	-76	21	3	40	-41	21	5	1	40	41	21	7	1	60	-61	21	9	1	47	48
3	1	1	83	83	-24	4	22	-22	-24	5	1	23	-22	-24	7	1	15	14	-24	10	1	24	24
5	1	1	8	8	-20	4	62	60	-22	5	1	12	11	-22	8	1	43	42	-22	10	1	5	5
7	1	1	8	-5	-20	4	62	60	-22	6	1	13	13	-20	8	1	52	-52	-20	10	1	60	60
9	1	1	97	-99	-18	4	13	13	-20	6	1	60	59	-18	8	1	61	-60	-18	10	1	196	-61
11	1	1	57	-57	-16	4	14	13	-18	6	1	15	11	-16	8	1	22	-25	-16	10	1	6	6
13	1	1	47	-47	-14	4	34	-33	-16	6	1	37	34	-14	8	1	60	62	-16	10	1	17	17
15	1	1	11	-13	-12	4	56	-57	-14	6	1	15	15	-12	8	1	19	-17	-14	10	1	63	67
17	1	1	32	-33	-10	4	84	-87	-12	6	1	10	7	-12	8	1	94	93	-12	10	1	39	42
-24	1	1	46	-47	-8	4	122	113	-10	6	1	30	-26	-10	8	1	126	-129	-10	10	1	158	-155

Table 3c (dehyd 2)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 CLIDEHY2														PAGE 3		
H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	FO	FC
2	10	1	85	87	18	12	1	14	11	15	15	1	114	114	18	-14
4	10	1	96	-97	20	12	1	24	-22	15	15	1	64	64	6	-4
6	10	1	52	54	-23	13	1	10	8	5	15	1	28	-30	24	24
8	10	1	76	75	-17	13	1	40	-41	7	15	1	51	-52	43	-43
10	10	1	7	-6	-15	13	1	11	10	9	15	1	22	-22	16	16
12	10	1	47	47	-11	13	1	57	-57	11	15	1	22	-22	63	-63
14	10	1	15	-17	-13	13	1	43	42	13	15	1	26	24	8	7
16	10	1	20	20	-9	13	1	50	-52	15	15	1	12	13	7	7
18	10	1	17	-16	-7	13	1	62	-63	17	15	1	23	23	37	7
20	10	1	22	25	-5	13	1	67	-68	19	15	1	21	23	52	-39
22	10	1	28	-29	-3	13	1	64	64	16	16	1	33	-31	23	-23
24	10	1	14	-10	-1	13	1	41	-43	14	16	1	35	35	14	-11
26	10	1	19	18	3	13	1	41	9	12	16	1	18	-18	20	-11
28	10	1	13	-24	5	13	1	52	-52	8	16	1	54	18	57	-56
30	10	1	29	29	7	13	1	29	28	6	16	1	60	61	18	18
32	10	1	31	33	9	13	1	44	41	4	16	1	54	-55	30	-27
34	10	1	34	33	7	13	1	44	34	2	16	1	54	61	17	-15
36	10	1	34	-33	5	13	1	14	13	0	16	1	17	-12	30	-11
38	10	1	64	-62	11	13	1	21	21	-4	16	1	17	-12	17	-12
40	10	1	28	-26	15	13	1	21	21	2	16	1	16	-14	12	11
42	10	1	16	10	19	13	1	33	-34	4	16	1	44	-47	41	42
44	10	1	37	35	21	13	1	26	-24	6	16	1	44	42	18	16
46	10	1	78	-79	-20	14	1	7	-7	8	16	1	60	-61	8	8
48	10	1	107	108	-18	14	1	35	37	12	16	1	22	23	22	22
50	10	1	6	6	-14	14	1	24	-23	14	16	1	8	7	7	7
52	10	1	29	-4	-12	14	1	13	10	16	16	1	12	-12	19	-18
54	10	1	57	-58	-10	14	1	46	45	17	17	1	18	17	44	42
56	10	1	55	-55	-8	14	1	41	41	17	17	1	81	-80	44	42
58	10	1	28	-29	-6	14	1	13	12	15	17	1	27	-27	33	-31
60	10	1	13	-12	-4	14	1	78	81	11	17	1	14	-16	24	-23
62	10	1	61	-61	-2	14	1	11	12	9	17	1	43	-43	18	17
64	10	1	27	30	4	14	1	8	5	7	17	1	57	-59	8	8
66	10	1	35	-33	6	14	1	8	-8	8	17	1	13	-36	60	60
68	10	1	74	-72	8	14	1	11	-8	11	17	1	13	12	22	-24
70	10	1	37	-37	12	14	1	67	66	13	17	1	65	-66	31	31
72	10	1	68	-72	14	14	1	26	25	15	17	1	12	-11	16	-14
74	10	1	31	-30	16	14	1	24	-25	17	17	1	34	-33	13	-11
76	10	1	108	-111	18	14	1	11	10	19	17	1	18	-18	29	-28
78	10	1	7	-1	-21	15	1	9	8	7	17	1	48	-47	18	-16
80	10	1	68	68	-17	15	1	21	21	9	17	1	48	-48	15	-15
82	10	1	7	7	-15	15	1	9	8	11	17	1	18	-17	15	-16
84	10	1	6	2	-13	15	1	21	21	13	17	1	24	-24	22	-22
86	10	1	102	-103	-11	15	1	29	29	15	17	1	34	-34	41	-41
88	10	1	70	-69	-9	15	1	9	54	17	17	1	48	-47	42	-42
90	10	1	66	-68	-13	15	1	29	29	17	17	1	24	-24	29	-28
92	10	1	55	-55	-15	15	1	28	29	17	17	1	34	-33	18	-17
94	10	1	7	2	-17	15	1	9	8	17	17	1	14	-14	16	-17
96	10	1	6	7	-15	15	1	21	21	17	17	1	24	-24	18	-17
98	10	1	102	-103	-13	15	1	29	29	17	17	1	34	-33	22	-22
100	10	1	70	-69	-9	15	1	9	54	17	17	1	48	-47	42	-42
102	10	1	66	-68	-13	15	1	29	29	17	17	1	34	-33	18	-17
104	10	1	55	-55	-15	15	1	28	29	17	17	1	34	-33	18	-17
106	10	1	7	2	-17	15	1	9	8	17	17	1	14	-14	16	-17
108	10	1	6	7	-15	15	1	21	21	17	17	1	24	-24	18	-17
110	10	1	102	-103	-13	15	1	29	29	17	17	1	34	-33	22	-22
112	10	1	70	-69	-9	15	1	9	54	17	17	1	48	-47	42	-42
114	10	1	66	-68	-13	15	1	29	29	17	17	1	34	-33	18	-17
116	10	1	55	-55	-15	15	1	28	29	17	17	1	34	-33	18	-17

Table 3c (dehyd 2)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 CLIDENY2												PAGE 4												
H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC					
-3	27	1	26	28	-26	2	2	36	-35	-6	4	2	80	-85	0	6	2	9	-14	-21	9	2	37	36
-1	27	1	34	-34	-20	2	2	32	30	-4	4	2	59	-57	2	6	2	48	45	-19	9	36	35	
1	27	1	9	-10	-18	2	2	19	17	-2	4	2	16	14	4	6	2	26	28	-17	9	14	14	
5	27	1	30	-30	-16	2	2	90	-89	0	4	2	58	-56	4	6	2	30	32	-15	9	19	15	
-4	28	1	11	9	-14	2	2	32	31	2	4	2	54	-43	10	6	2	20	20	-13	9	31	-31	
-2	28	1	15	-14	-12	2	2	151	-151	2	4	2	34	33	12	6	2	69	72	-11	9	39	-36	
0	28	1	21	21	-10	2	2	36	43	6	4	2	11	9	14	6	2	55	58	-9	9	80	83	
2	28	1	14	-11	-8	2	2	12	-5	8	4	2	64	69	16	6	2	56	58	-7	9	47	45	
-26	0	0	27	28	-6	2	2	49	-52	10	4	2	118	-120	18	6	2	7	7	-5	9	30	28	
-24	0	0	30	28	-4	2	2	218	213	12	4	2	7	5	22	6	2	37	36	-3	9	116	116	
-20	0	0	40	-39	-2	2	2	215	-208	14	4	2	20	23	21	6	2	67	-67	-1	9	10	10	
-18	0	0	14	12	0	2	2	10	9	16	4	2	33	31	17	6	2	15	-13	9	9	8	5	
-16	0	0	75	76	0	2	2	62	-66	18	4	2	29	26	-13	6	2	62	-62	3	9	54	52	
-14	0	0	96	98	4	2	2	38	-38	-25	5	2	21	19	-11	6	2	44	45	5	9	23	-24	
-12	0	0	83	80	6	2	2	9	2	-21	5	2	32	32	-9	6	2	9	6	7	9	112	115	
-10	0	0	126	125	8	2	2	56	-57	-23	5	2	21	32	-11	6	2	26	-26	9	9	112	115	
-8	0	0	60	-58	10	2	2	85	86	-21	5	2	30	30	-9	6	2	26	-26	9	9	15	13	
-6	0	0	105	96	12	2	2	13	-11	-19	5	2	30	30	-7	6	2	174	-177	13	9	45	45	
-4	0	0	259	-257	14	2	2	39	38	-17	5	2	23	30	-5	6	2	54	-60	19	9	15	14	
-2	0	0	106	102	17	2	2	38	-39	-15	5	2	51	-51	-3	6	2	63	-68	7	9	21	-21	
0	0	0	160	156	22	2	2	62	-61	-13	5	2	18	-18	-1	6	2	23	22	-20	9	15	15	
0	0	0	97	91	-17	2	2	34	34	-9	5	2	33	-32	3	6	2	4	1	-22	9	6	6	
2	0	0	67	74	-15	2	2	9	-10	-7	5	2	8	161	5	6	2	45	45	-18	9	11	12	
4	0	0	11	-36	-11	2	2	59	-59	-5	5	2	60	-2	7	6	2	100	-100	-16	9	11	11	
4	0	0	12	7	-7	2	2	21	-28	-3	5	2	74	75	9	6	2	32	-30	-14	9	75	75	
6	0	0	45	46	-5	2	2	70	-67	-1	5	2	14	-15	11	6	2	65	-63	-12	9	28	26	
8	0	0	7	7	-7	2	2	50	-51	1	5	2	7	-4	13	6	2	67	-68	-8	9	15	14	
10	0	0	12	12	-5	2	2	21	-28	1	5	2	14	-15	15	6	2	7	6	-4	9	10	10	
12	0	0	45	46	-3	2	2	50	-51	3	5	2	17	-15	15	6	2	7	6	-4	9	10	10	
16	0	0	28	30	-1	2	2	89	89	5	5	2	28	-26	19	6	2	12	12	0	9	23	24	
22	0	0	39	41	1	2	2	101	96	7	5	2	87	85	19	6	2	7	6	2	9	110	114	
-19	1	1	23	-23	3	2	2	65	64	9	5	2	55	55	-18	6	2	26	-26	2	9	89	90	
-17	1	1	35	34	5	2	2	70	-67	11	5	2	55	55	-16	6	2	29	31	4	9	67	70	
-15	1	1	61	-62	7	2	2	23	-22	13	5	2	19	-12	-10	6	2	143	-147	8	9	12	-12	
-13	1	1	13	11	9	2	2	103	-103	15	5	2	14	-12	-10	6	2	41	40	10	9	9	-7	
-11	1	1	24	22	11	2	2	15	-14	17	5	2	28	-29	-8	6	2	13	-12	12	9	15	-15	
-9	1	1	105	-102	13	2	2	12	-13	19	5	2	20	21	-6	6	2	9	9	-6	9	27	28	
-7	1	1	95	102	15	2	2	37	-37	21	5	2	20	21	-8	6	2	73	-71	14	9	39	40	
-5	1	1	100	-98	15	2	2	15	-17	18	5	2	41	-43	-4	6	2	99	-97	-21	9	45	45	
-3	1	1	139	135	21	2	2	15	17	-16	5	2	32	33	-2	6	2	47	-46	-17	9	51	50	
-1	1	1	75	72	-24	2	2	9	10	-14	5	2	41	-43	0	6	2	14	-15	-15	9	71	-72	
1	1	1	152	-144	-22	2	2	24	25	-12	5	2	32	33	2	6	2	47	-46	-17	9	51	50	
3	1	1	76	72	-20	2	2	9	9	-10	5	2	157	160	8	6	2	14	-15	-15	9	71	-72	
5	1	1	97	94	-18	2	2	23	-25	-12	5	2	92	88	8	6	2	47	-46	-17	9	51	50	
7	1	1	96	98	-16	2	2	31	31	-10	5	2	53	55	8	6	2	9	9	-13	9	8	-4	
9	1	1	21	-15	-14	2	2	91	93	-8	5	2	53	55	10	6	2	23	20	-11	9	27	28	
11	1	1	25	-25	-12	2	2	31	31	-6	5	2	53	55	14	6	2	23	20	-9	9	27	28	
15	1	1	18	-19	-10	2	2	15	-11	-4	5	2	44	44	16	6	2	53	55	-9	9	149	-149	
21	1	1	17	16	-8	2	2	98	99	-2	5	2	65	70	20	6	2	15	-14	-7	9	164	167	

Table 3c (dehyd 2)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 CLIDENY2																PAGE	5							
H	K	L	F0	FC	H	K	L	F0	FC	H	K	L	F0	FC	H	K	L	F0	FC	H	K	L	F0	FC
-5	11	2	140	-142	9	13	2	12	13	-8	16	2	36	36	-5	19	2	48	50	-13	23	2	16	17
-3	11	2	33	30	11	13	2	15	-15	-6	16	2	26	25	-3	19	2	25	23	-9	23	2	20	-20
-1	11	2	27	-24	13	13	2	19	-16	-4	16	2	58	-61	-1	19	2	23	24	-7	23	2	27	-29
9	11	2	102	-108	17	13	2	39	-15	0	16	2	107	37	5	19	2	13	15	-5	23	2	27	-27
3	11	2	123	127	19	13	2	43	6	2	16	2	108	44	7	19	2	16	-11	-3	23	2	9	6
5	11	2	87	-86	-22	14	2	44	-12	4	16	2	44	44	9	19	2	30	46	-1	23	2	23	7
9	11	2	13	10	-18	14	2	22	-11	6	16	2	36	-21	11	19	2	44	30	1	23	2	23	-22
13	11	2	38	-38	-16	14	2	36	14	8	16	2	44	44	15	19	2	30	46	3	23	2	23	8
15	11	2	15	-13	-14	14	2	44	14	8	16	2	44	44	15	19	2	30	46	3	23	2	23	24
17	11	2	45	-45	-12	14	2	72	-72	10	16	2	72	58	-18	20	2	27	19	11	23	2	16	-15
19	11	2	25	-26	-10	14	2	35	-35	12	16	2	45	-45	-16	20	2	19	19	13	23	2	27	-28
24	12	2	23	23	-8	14	2	28	27	14	16	2	29	-29	-14	20	2	35	35	-12	24	2	17	16
20	12	2	10	11	-6	14	2	85	-85	-21	17	2	11	11	-10	20	2	40	41	-10	24	2	21	19
18	12	2	8	9	-2	14	2	74	74	-13	17	2	11	11	-8	20	2	24	26	0	24	2	29	-30
16	12	2	29	-29	0	14	2	79	-82	-9	17	2	11	11	-6	20	2	34	34	2	24	2	50	50
14	12	2	37	-36	2	14	2	42	46	-7	17	2	12	-11	-4	20	2	8	8	4	24	2	16	-18
12	12	2	22	-22	4	14	2	18	18	-5	17	2	32	-31	-2	20	2	11	11	8	24	2	58	-22
10	12	2	30	-28	6	14	2	9	18	-3	17	2	49	-51	-2	20	2	26	28	10	24	2	22	-25
8	12	2	38	-39	12	14	2	25	26	-1	17	2	71	-73	2	20	2	13	13	-7	24	2	14	14
6	12	2	22	20	14	14	2	9	16	3	17	2	9	-31	8	20	2	7	6	-5	24	2	17	18
4	12	2	7	2	16	14	2	14	14	5	17	2	15	16	8	20	2	20	19	-1	24	2	10	7
2	12	2	14	-11	18	14	2	29	27	7	17	2	56	56	10	20	2	9	8	-3	24	2	16	18
0	12	2	27	-26	18	14	2	41	-41	9	17	2	46	-44	14	20	2	17	17	5	24	2	11	11
-2	12	2	188	-188	-23	15	2	52	-52	11	17	2	27	-25	-13	21	2	17	17	-1	24	2	16	-10
-4	12	2	20	-20	-19	15	2	28	27	13	17	2	48	-48	-7	21	2	22	22	3	24	2	10	6
-6	12	2	43	-43	-17	15	2	15	13	15	17	2	26	27	-5	21	2	68	68	-6	24	2	11	18
-8	12	2	39	-40	-15	15	2	20	-44	15	17	2	46	-45	-9	21	2	43	41	-4	24	2	11	-11
-10	12	2	61	-61	-13	15	2	39	-38	17	17	2	27	-27	-1	21	2	35	34	-2	24	2	14	-31
8	12	2	31	33	-9	15	2	5	7	-18	18	2	46	46	3	21	2	44	44	0	24	2	32	6
6	12	2	16	-11	-7	15	2	32	-1	-16	18	2	31	-31	5	21	2	55	52	4	24	2	25	-38
4	12	2	49	-48	-5	15	2	57	57	-10	18	2	17	-15	7	21	2	51	52	-4	24	2	13	12
2	12	2	16	-10	-3	15	2	75	-21	-6	18	2	17	-16	9	21	2	42	42	-5	24	2	18	-24
0	12	2	43	-44	-1	15	2	14	-14	-4	18	2	17	-40	11	21	2	14	14	-3	24	2	14	-12
-2	12	2	11	12	-1	15	2	12	13	2	18	2	11	11	-14	21	2	9	9	-1	24	2	13	10
-4	12	2	43	-44	-1	15	2	19	-20	2	18	2	20	-22	11	21	2	11	11	3	24	2	16	16
-6	12	2	16	-15	-3	15	2	41	74	-8	18	2	45	43	13	21	2	44	44	0	24	2	13	12
-8	12	2	25	-24	-5	15	2	35	-33	-4	18	2	11	-11	13	21	2	10	10	-5	24	2	18	-12
-10	12	2	31	-33	-7	15	2	32	-33	2	18	2	41	-40	16	21	2	9	9	-1	24	2	14	-10
-12	12	2	15	-14	-9	15	2	41	41	6	18	2	45	43	16	21	2	11	11	3	24	2	16	16
-14	12	2	16	-12	-11	15	2	19	-20	8	18	2	11	-11	16	21	2	44	44	0	24	2	27	-27
-16	12	2	60	-60	-16	15	2	14	14	10	18	2	11	-11	18	21	2	41	41	-2	24	2	18	18
-18	12	2	16	-16	-18	15	2	41	41	12	18	2	11	-11	20	21	2	11	11	4	24	2	27	-27
-20	12	2	16	-16	-19	15	2	19	-22	14	18	2	11	-11	22	21	2	11	11	6	24	2	27	-27
-22	12	2	49	-48	-11	15	2	75	-74	16	18	2	17	-15	22	21	2	42	42	8	24	2	27	-27
-24	12	2	31	-33	-13	15	2	43	-43	18	18	2	17	-13	22	21	2	11	11	10	24	2	27	-27
-26	12	2	15	-14	-15	15	2	35	-33	20	18	2	17	-10	22	21	2	9	9	12	24	2	27	-27
-28	12	2	25	-24	-17	15	2	35	-33	22	18	2	41	-40	14	21	2	11	11	14	24	2	27	-27
-30	12	2	15	-15	-19	15	2	41	41	24	18	2	17	-13	22	21	2	11	11	16	24	2	27	-27
-32	12	2	16	-15	-21	15	2	43	-43	26	18	2	17	-11	22	21	2	11	11	18	24	2	27	-27
-34	12	2	43	-44	-23	15	2	43	-43	28	18	2	17	-9	22	21	2	11	11	20	24	2	27	-27
-36	12	2	27	-27	-25	15	2	43	-43	30	18	2	17	-7	22	21	2	11	11	22	24	2	27	-27
-38	12	2	15	-15	-27	15	2	43	-43	32	18	2	17	-5	22	21	2	11	11	24	24	2	27	-27
-40	12	2	16	-15	-29	15	2	43	-43	34	18	2	17	-3	22	21	2	11	11	26	24	2	27	-27
-42	12	2	46	-44	-31	15	2	43	-43	36	18	2	17	-1	22	21	2	11	11	28	24	2	27	-27
-44	12	2	24	-24	-33	15	2	43	-43	38	18	2	17	1	22	21	2	11	11	30	24	2	27	-27

Table 3c (dehyd 2)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 CLIDEHY2											PAGE 6			
H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
-8	0	3	33	-33	8	2	3	13	-11	-19	5	3	13	-10
-6	0	3	60	-51	10	2	56	16	16	-13	7	3	14	-11
-4	0	3	43	-46	12	2	15	81	81	-11	7	3	95	-97
-2	0	3	186	190	14	2	36	155	155	-9	7	3	108	-107
0	0	3	67	-61	-25	3	56	41	40	-7	7	3	69	70
2	0	3	76	-79	-19	3	32	84	87	-5	7	3	82	-81
4	0	3	11	9	-17	3	31	28	21	-3	7	3	115	114
6	0	3	159	-165	-15	3	74	58	-59	-1	7	3	33	-31
8	0	3	102	100	-13	3	31	175	175	1	7	3	41	-38
10	0	3	49	46	-11	3	87	60	-54	3	7	3	70	-69
12	0	3	39	41	-9	3	32	197	196	5	7	3	122	-125
14	0	3	38	38	-7	3	24	56	55	7	7	3	34	-35
18	0	3	10	7	-5	3	7	20	20	9	7	3	42	-42
20	0	3	34	-31	-3	3	7	31	31	11	7	3	8	19
22	0	3	17	-16	-1	3	50	15	-12	11	7	3	11	6
25	1	3	28	29	1	3	8	35	35	13	7	3	21	-21
27	1	3	30	31	3	3	101	6	-1	15	7	3	42	-43
29	1	3	49	-49	5	3	48	30	31	17	7	3	18	20
31	1	3	67	68	7	3	124	26	27	19	7	3	34	-35
33	1	3	13	15	9	3	38	65	67	-26	8	3	19	16
35	1	3	35	32	11	3	14	52	52	-22	8	3	32	-32
37	1	3	51	50	13	3	27	21	21	-20	8	3	28	-27
39	1	3	72	71	19	3	26	36	35	-18	8	3	14	14
41	1	3	28	28	21	3	11	46	46	-16	8	3	42	-43
43	1	3	30	30	24	3	31	88	91	-12	8	3	70	71
45	1	3	6	4	-22	3	23	45	43	-10	8	3	54	-55
47	1	3	49	47	-20	3	7	61	59	-8	8	3	36	35
49	1	3	104	104	-18	3	11	25	26	-6	8	3	84	-85
51	1	3	93	-93	-16	3	11	25	26	-4	8	3	6	-6
53	1	3	50	49	-14	3	7	45	45	-2	8	3	84	-85
55	1	3	49	47	-12	3	11	84	84	0	8	3	6	-6
57	1	3	73	73	-8	3	98	45	39	2	8	3	54	-54
59	1	3	29	29	-6	3	75	26	27	4	8	3	50	48
61	1	3	21	21	-4	3	58	167	-167	4	8	3	64	-65
63	1	3	18	18	-2	3	80	100	103	6	8	3	61	60
65	1	3	50	50	0	3	27	39	38	8	8	3	6	-2
67	1	3	24	24	2	3	27	18	21	10	8	3	30	-29
69	1	3	14	14	4	3	18	86	87	12	8	3	11	-8
71	1	3	54	52	6	3	27	66	66	14	8	3	52	-52
73	1	3	28	25	8	3	18	25	25	16	8	3	9	9
75	1	3	76	72	10	3	29	58	59	18	8	3	22	-21
77	1	3	98	-103	12	3	36	20	22	20	8	3	19	18
79	1	3	68	-71	14	3	11	24	24	22	8	3	17	-17
81	1	3	71	-73	16	3	7	8	8	24	8	3	44	-44
83	1	3	35	30	18	3	15	8	-7	26	8	3	14	-14
85	1	3	60	56	20	3	30	10	-11	28	8	3	83	-82
87	1	3	18	15	22	3	9	26	-26	30	8	3	56	57
89	1	3	103	103	24	3	7	39	39	32	8	3	27	27

Table 3c (dehyd 2)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 CLIDENY2														PAGE 7					
H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
7	11	3	77	-75	-10	14	3	20	20	14	16	3	14	14	-16	20	3	30	33
9	11	3	50	50	-8	14	10	10	10	-12	16	3	13	-12	-12	20	3	13	-12
11	11	3	54	-53	-4	14	79	82	82	-10	17	3	9	9	-10	20	3	16	-15
13	11	3	16	-15	-2	14	33	33	33	-6	20	3	22	22	-4	20	3	18	28
15	11	3	21	21	0	14	35	27	27	-2	20	3	38	-38	-2	20	3	26	28
17	11	3	22	-20	4	14	28	-41	-41	2	20	3	22	28	2	20	3	16	15
20	12	3	78	-77	6	14	38	37	37	-9	17	3	74	-64	8	20	3	24	27
18	12	3	9	-40	8	14	16	18	18	4	20	3	11	77	-8	20	3	41	42
16	12	3	42	-23	10	14	27	27	27	-5	17	3	31	32	-19	21	3	18	16
14	12	3	74	73	12	14	48	47	47	-17	17	3	12	-32	-17	21	3	41	45
12	12	3	101	-103	14	14	17	15	15	-13	17	3	31	31	-15	21	3	16	17
10	12	3	32	3	16	14	8	6	6	-11	17	3	44	-45	-9	21	3	11	10
8	12	3	32	-33	23	15	12	10	10	13	17	3	31	-32	-11	21	3	11	10
6	12	3	181	-185	-21	15	46	46	46	-20	18	3	16	-15	-7	21	3	11	11
4	12	3	10	10	-19	15	30	31	31	-5	17	3	21	21	-9	21	3	11	11
2	12	3	26	-127	-13	15	14	58	58	3	18	3	27	-27	-3	21	3	11	11
0	12	3	45	45	-7	15	32	31	31	1	18	3	19	17	1	21	3	11	11
2	12	3	39	-40	-9	15	10	5	5	-10	18	3	29	-35	-1	21	3	11	11
4	12	3	33	-32	-5	15	6	-4	-4	-8	18	3	35	-28	3	21	3	11	11
6	12	3	33	-30	-3	15	40	-41	-41	-16	18	3	22	-32	-1	21	3	11	11
10	12	3	42	-42	-1	15	26	-24	-24	-4	18	3	12	-10	1	21	3	11	11
12	12	3	21	-20	3	15	25	24	24	18	18	3	11	12	-16	22	3	11	11
14	12	3	10	7	7	15	45	46	46	-12	18	3	21	-21	11	22	3	11	11
18	13	3	11	-12	9	15	60	60	60	-10	18	3	11	-11	-8	22	3	11	11
19	13	3	14	-27	11	15	52	48	48	-16	18	3	11	-12	-18	22	3	11	11
15	13	3	28	-27	11	15	24	19	19	-4	18	3	42	-45	-4	22	3	11	11
13	13	3	37	-37	13	15	19	19	19	-8	18	3	31	-29	1	22	3	11	11
11	13	3	43	-43	15	15	33	33	33	-10	18	3	42	-42	-6	22	3	11	11
7	13	3	10	-8	17	15	24	25	25	-12	18	3	11	-11	-10	22	3	11	11
5	13	3	32	35	-22	16	20	21	21	-4	19	3	39	-37	-4	22	3	11	11
3	13	3	64	63	-18	16	29	29	29	0	19	3	22	-21	2	22	3	11	11
1	13	3	9	9	-20	16	30	28	28	-17	19	3	14	-15	0	22	3	11	11
1	13	3	6	2	-16	16	9	8	8	-15	19	3	18	-17	2	22	3	11	11
3	13	3	38	-36	-14	16	19	17	17	-7	19	3	40	-39	4	22	3	11	11
5	13	3	33	-35	-12	16	9	45	45	-5	19	3	39	-36	10	22	3	11	11
3	13	3	52	-51	-10	16	53	54	54	-11	19	3	65	-63	4	22	3	11	11
1	13	3	29	-40	-8	16	34	35	35	-9	19	3	34	-34	-7	23	3	11	11
1	13	3	21	25	-4	16	66	67	67	-3	19	3	12	-11	-5	23	3	11	11
1	13	3	30	-30	-2	16	41	40	40	-7	19	3	18	-16	5	23	3	11	11
1	13	3	16	16	0	16	64	64	64	-5	19	3	10	-9	-3	23	3	11	11
1	13	3	40	40	4	16	39	40	40	-3	19	3	25	-26	7	23	3	11	11
1	13	3	16	19	2	16	15	15	15	9	19	3	10	-9	5	23	3	11	11
1	13	3	18	19	6	16	7	7	7	-14	19	3	13	-14	9	24	3	11	11
1	14	3	25	32	10	16	15	13	13	-20	20	3	6	-16	11	13	6	13	6

Table 3c (dehyd 2)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 CLIDENHY2

OBSERVED		CALCULATED		STRUCTURE		FACTORS		FOR		CLINOP		6.05		MV		05/30/90		CLIDENHY2	
H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
7	1	4	13	14	-6	4	4	36	-32	-2	6	4	80	81	-25	9	4	17	-18
9	1	4	28	33	-4	4	4	21	-18	0	6	4	57	-58	-21	9	4	63	62
11	1	4	8	3	-2	4	4	24	-23	2	6	4	34	32	-19	9	4	13	-14
26	2	4	18	-19	0	4	4	40	37	6	6	4	26	25	-17	9	4	72	-74
20	2	4	37	38	2	4	4	55	54	6	6	4	33	-34	-15	9	4	34	35
18	2	4	35	-34	4	4	4	31	-31	8	6	4	40	39	-13	9	4	53	-52
16	2	4	54	54	6	4	4	107	107	10	6	4	28	28	-11	9	4	99	103
14	2	4	47	-50	8	4	4	17	17	12	6	4	40	-40	-9	9	4	21	-19
12	2	4	70	-66	10	4	4	20	-19	14	6	4	8	8	-7	9	4	23	26
10	2	4	7	4	12	4	4	29	27	16	6	4	19	-21	-5	9	4	43	45
8	2	4	61	59	14	4	4	18	-30	18	6	4	25	23	-1	9	4	61	62
6	2	4	28	25	18	4	4	22	-22	-25	6	4	17	-16	-1	9	4	20	25
4	2	4	54	-53	-25	5	4	8	-9	-21	7	4	46	-48	5	9	4	25	-25
2	2	4	71	68	-23	5	4	26	28	-19	7	4	9	-8	7	9	4	42	41
0	2	4	13	-15	-21	5	4	35	-36	-17	7	4	77	-78	7	9	4	42	41
2	2	4	40	-38	-19	5	4	107	108	-15	7	4	13	-13	11	9	4	43	45
2	2	4	67	-70	-17	5	4	6	5	-11	7	4	80	-83	13	9	4	41	41
8	2	4	39	-40	-15	5	4	68	70	-5	7	4	59	-62	17	9	4	41	41
10	2	4	20	20	-13	5	4	91	-90	-3	7	4	87	-89	17	9	4	16	16
12	2	4	99	-101	-9	5	4	43	42	-1	7	4	19	-18	-20	10	10	17	16
17	3	4	12	7	-7	5	4	60	-60	5	7	4	8	-6	-16	10	4	30	40
15	3	4	99	-101	-5	5	4	95	93	7	7	4	34	36	14	10	4	40	40
11	3	4	85	-81	-3	5	4	52	47	9	7	4	39	-39	-10	10	4	39	39
13	3	4	159	162	-1	5	4	49	49	11	7	4	47	-46	-10	10	4	18	158
9	3	4	49	37	3	5	4	80	78	15	7	4	17	-18	-8	10	4	29	25
7	3	4	39	36	5	5	4	68	69	-24	8	4	37	-38	-4	10	4	69	69
5	3	4	155	-153	7	5	4	107	-108	8	8	4	10	9	-2	10	4	167	-169
3	3	4	93	-94	9	5	4	51	51	-22	8	4	9	-9	0	10	4	127	131
1	3	4	19	-18	13	5	4	23	22	-20	8	4	36	-36	2	10	4	18	18
3	3	4	8	5	15	5	4	93	92	-16	8	4	53	54	4	10	4	69	72
3	3	4	20	22	17	5	4	32	-33	-12	8	4	71	-69	6	10	4	85	85
5	3	4	39	38	19	5	4	26	27	-10	8	4	28	-27	8	10	4	37	37
9	3	4	66	-64	26	6	4	13	11	-8	8	4	83	-85	10	10	4	18	-18
7	3	4	8	-7	17	6	4	20	21	-6	8	4	11	7	12	10	4	8	-7
11	3	4	34	34	-24	6	4	12	-11	-4	8	4	11	11	14	10	4	39	-38
17	3	4	16	-16	-22	6	4	8	-5	-2	8	4	70	-72	10	10	4	18	-18
19	3	4	26	-25	-20	6	4	41	-40	-4	8	4	11	11	-25	11	4	14	11
26	4	4	29	-27	-16	6	4	46	-45	0	8	4	42	-40	-21	11	4	11	-11
24	4	4	51	-52	-14	6	4	68	72	2	8	4	30	29	-19	11	4	13	-14
22	4	4	80	-81	-10	6	4	22	23	0	8	4	57	-55	-15	11	4	52	-56
20	4	4	30	31	-12	6	4	56	-55	6	8	4	8	-8	-13	11	4	47	-49
14	4	4	62	61	-8	6	4	56	55	10	8	4	68	-68	-11	11	4	43	-43
12	4	4	62	61	-6	6	4	7	6	12	8	4	71	70	-9	11	4	35	-34
10	4	4	44	43	-4	6	4	41	41	14	8	4	25	-24	-7	11	4	26	28

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Table 3c (dehyd 2)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 CLIDEHY2															PAGE 9				
H	K	L	F0	FC	H	K	L	F0	FC	H	K	L	F0	FC	H	K	L	F0	FC
-22	14	4	18	16	12	16	4	19	19	-20	20	4	10	-8	-2	24	4	12	12
-18	14	4	32	-33	14	16	4	13	13	-10	20	4	33	33	0	24	4	16	-17
-16	14	4	23	23	-21	17	4	26	-26	-8	20	4	9	10	2	24	4	22	-21
-10	14	4	20	18	-19	17	4	10	10	-6	20	4	12	-13	4	24	4	37	35
-8	14	4	57	55	-17	17	4	60	-58	-4	20	4	33	33	6	24	4	13	12
-4	14	4	19	-20	-13	17	4	11	-10	-2	20	4	41	-39	-7	25	4	16	-14
-6	14	4	45	44	-11	17	4	15	14	0	20	4	26	-26	-3	25	4	12	9
-4	14	4	9	-5	-9	17	4	44	46	6	20	4	35	36	-1	25	4	14	14
2	14	4	32	33	-7	17	4	21	-22	8	20	4	11	15	-3	25	4	20	-10
4	14	4	12	11	-5	17	4	21	-20	10	20	4	14	15	-8	26	4	13	-17
4	14	4	11	37	-3	17	4	78	-78	-19	21	4	11	11	-6	26	4	17	-15
4	14	4	37	36	-1	17	4	28	-25	-17	21	4	10	9	-4	26	4	13	-12
8	14	4	38	36	-1	17	4	31	-32	-11	21	4	8	6	-2	26	4	9	-8
6	14	4	15	-16	-1	17	4	28	-27	-7	21	4	12	-13	-4	26	4	12	-12
10	14	4	15	11	3	17	4	32	-32	-3	21	4	14	-34	-2	26	4	9	-4
14	14	4	11	11	5	17	4	47	46	-1	21	4	30	-30	0	26	4	17	8
16	14	4	21	-20	7	17	4	32	-32	9	21	4	10	7	-28	26	4	9	-16
-23	15	4	11	6	9	17	4	11	11	13	21	4	8	-21	-20	0	4	11	36
-17	15	4	34	18	-16	18	4	28	-29	-16	21	4	14	15	-18	0	5	54	73
-15	15	4	19	35	-12	18	4	15	16	-10	22	4	57	-57	-12	0	5	74	50
-11	15	4	28	-27	-10	18	4	27	-25	-8	22	4	12	11	-10	0	5	143	-72
-7	15	4	51	51	-8	18	4	18	16	-6	22	4	44	-44	-6	0	5	177	143
-5	15	4	78	77	-12	18	4	15	-45	-10	22	4	12	11	-8	0	5	172	-173
-1	15	4	11	13	-6	18	4	16	14	-2	22	4	33	36	-4	0	5	193	194
3	15	4	79	78	-4	18	4	38	-37	-4	22	4	49	-49	-2	0	5	168	-69
5	15	4	58	58	0	18	4	70	-70	0	22	4	27	27	0	0	5	28	169
7	15	4	16	16	2	18	4	8	7	2	22	4	41	-41	0	0	5	48	-30
11	15	4	41	40	4	18	4	14	13	4	22	4	16	-17	0	0	5	57	-60
13	15	4	15	13	6	18	4	44	-44	8	22	4	27	27	0	0	5	47	46
15	15	4	25	24	8	18	4	35	-35	15	23	4	41	-41	0	0	5	13	-12
20	16	4	29	30	10	18	4	22	-24	-15	23	4	21	21	1	0	5	47	-48
18	16	4	14	-28	-21	19	4	13	12	-11	23	4	6	4	16	0	5	29	29
16	16	4	14	30	-17	19	4	26	-26	-9	23	4	27	27	1	0	5	47	-48
14	16	4	14	30	-15	19	4	24	26	-7	23	4	43	-44	1	0	5	61	62
12	16	4	6	-7	-9	19	4	42	40	-3	23	4	10	8	-1	0	5	11	-12
10	16	4	17	-14	-7	19	4	30	-30	3	23	4	22	-21	-9	0	5	75	72
6	16	4	12	-14	-5	19	4	11	12	5	23	4	32	-32	-7	0	5	32	-73
4	16	4	27	-32	-3	19	4	43	44	5	23	4	16	16	-5	0	5	47	-44
4	16	4	33	-32	-1	19	4	30	31	7	23	4	27	27	-3	0	5	32	-36
4	16	4	27	-34	-1	19	4	13	14	7	23	4	16	16	-5	0	5	47	-44
4	16	4	29	-29	-3	19	4	27	-28	5	23	4	32	-32	-7	0	5	47	-44
6	16	4	30	-34	-1	19	4	13	14	7	23	4	16	16	-5	0	5	47	-44
8	16	4	29	-36	-3	19	4	27	-28	5	23	4	32	-32	-7	0	5	47	-44
10	16	4	36	-36	-6	19	4	25	-25	7	23	4	18	18	-1	0	5	42	-41
16	16	4	11	-9	9	19	4	21	21	-4	24	4	26	-24	-1	0	5	42	-41

Table 3c (dehyd 2)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 CLIDEHY2															PAGE 10									
H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC					
-6	4	5	35	38	12	6	5	44	-43	-13	9	5	23	-23	15	11	5	24	24	6	14	5	20	-20
-4	4	5	101	104	14	6	5	19	19	-11	9	5	53	54	-22	12	5	14	-14	8	14	5	11	-10
0	4	5	39	-36	16	6	5	20	-18	-7	9	5	35	34	-20	12	5	11	-10	8	14	5	36	34
-2	4	5	102	103	-27	7	5	22	-23	-9	9	5	44	-47	-18	12	5	32	-32	-23	15	5	31	31
2	4	5	26	23	-25	7	5	12	-13	-5	9	5	113	114	-16	12	5	65	-68	-19	15	5	39	-41
4	4	5	9	8	-23	7	5	41	-42	-3	9	5	110	-112	-14	12	5	8	-5	-17	15	5	31	-30
8	4	5	41	42	-21	7	5	29	-29	-1	9	5	9	-4	-10	12	5	42	-44	-15	15	5	33	-35
8	4	5	55	-58	-19	7	5	13	12	1	9	5	20	8	-8	12	5	72	72	-11	15	5	63	63
10	4	5	31	32	-17	7	5	14	13	3	9	5	52	53	-6	12	5	16	-14	-7	15	5	54	53
14	4	5	22	20	-15	7	5	22	23	5	9	5	21	21	-4	12	5	20	-20	-3	15	5	20	20
16	4	5	29	28	-13	7	5	19	19	5	9	5	31	32	0	12	5	15	16	-1	15	5	44	-41
27	5	5	39	40	-11	7	5	84	-85	7	7	5	21	21	-2	12	5	126	-127	1	15	5	18	19
25	5	5	29	29	-9	7	5	78	-79	7	7	5	20	20	6	12	5	15	13	3	15	5	44	-44
23	5	5	24	24	-7	7	5	51	-50	-26	10	5	57	58	8	12	5	39	40	5	15	5	44	44
21	5	5	46	47	-5	7	5	66	-66	-24	10	5	55	-56	10	12	5	24	-20	7	15	5	63	65
19	5	5	16	14	-3	7	5	65	67	-22	10	5	29	29	10	12	5	31	30	9	15	5	34	34
17	5	5	27	27	-1	7	5	23	22	-18	10	5	30	29	12	12	5	14	-12	9	15	5	14	-14
15	5	5	41	41	1	7	5	47	-47	-16	10	5	63	65	-23	13	5	21	-20	11	15	5	16	16
13	5	5	37	34	3	7	5	30	28	-14	10	5	38	38	-19	13	5	36	-35	-20	16	5	20	-20
11	5	5	56	58	5	7	5	51	-50	-12	10	5	62	65	-17	13	5	58	-59	-16	16	5	23	-23
9	5	5	22	19	7	7	5	21	-22	-10	10	5	20	-21	-15	13	5	42	-44	-14	16	5	17	-18
7	5	5	196	195	9	7	5	12	-13	-8	10	5	33	33	-17	13	5	64	65	-12	16	5	13	13
5	5	5	122	126	11	7	5	36	-36	-4	10	5	20	-21	-13	13	5	34	-30	-8	16	5	21	21
5	5	5	124	123	13	7	5	31	-32	0	10	5	77	79	-9	13	5	32	-32	-6	16	5	22	-24
5	5	5	116	-119	15	7	5	9	6	2	10	5	14	11	-7	13	5	39	-41	-4	16	5	19	18
5	5	5	13	14	-26	8	5	13	-11	4	10	5	70	70	-7	13	5	10	8	-2	16	5	49	-51
5	5	5	64	65	-24	8	5	21	-19	8	10	5	29	-30	-3	13	5	11	-9	0	16	5	30	29
5	5	5	15	14	-20	8	5	7	-7	10	10	5	46	-34	-1	13	5	11	10	4	16	5	30	30
5	5	5	28	29	-16	8	5	41	-15	10	10	5	58	55	3	13	5	12	-10	6	16	5	28	-26
5	5	5	100	101	-22	8	5	15	-44	12	10	5	8	-4	11	13	5	15	-16	8	16	5	28	26
5	5	5	24	24	-14	8	5	12	11	-21	11	5	11	-11	9	13	5	48	47	10	16	5	36	-35
5	5	5	14	14	-10	8	5	87	-88	-17	11	5	11	11	11	13	5	34	-34	12	16	5	13	11
5	5	5	14	15	-8	8	5	7	-5	-17	11	5	11	11	11	13	5	8	7	-21	17	5	15	-16
5	5	5	59	-58	-6	8	5	59	60	-15	11	5	14	11	-24	14	5	8	7	10	17	5	15	16
5	5	5	17	16	-4	8	5	13	13	-13	11	5	7	6	-22	14	5	18	-17	-19	17	5	20	-20
5	5	5	17	16	-2	8	5	10	-78	-11	11	5	39	37	-20	14	5	13	12	-17	17	5	25	25
5	5	5	34	34	0	8	5	60	-62	-9	11	5	61	62	-16	14	5	13	13	-13	17	5	11	13
5	5	5	45	45	2	8	5	63	-63	-5	11	5	23	-23	-14	14	5	52	52	-7	17	5	52	-53
5	5	5	51	-52	4	8	5	27	27	-3	11	5	26	-26	-12	14	5	16	16	-9	17	5	55	-57
5	5	5	63	-65	8	8	5	13	13	-1	11	5	30	29	-10	14	5	6	3	-5	17	5	20	20
5	5	5	51	51	10	8	5	26	-25	1	11	5	36	36	-8	14	5	11	-38	-3	17	5	34	33
5	5	5	75	-75	12	8	5	16	-125	3	11	5	15	14	-6	14	5	18	36	-1	17	5	34	35
5	5	5	17	16	14	8	5	21	-20	5	11	5	9	8	-4	14	5	30	31	5	17	5	8	8
5	5	5	51	-65	16	8	5	21	-20	7	11	5	15	14	-2	14	5	59	60	7	17	5	63	-65
5	5	5	26	-29	-23	9	5	34	35	11	11	5	25	22	0	14	5	16	16	9	17	5	33	-34
4	6	6	41	-41	-19	9	5	25	-24	13	11	5	12	-11	4	14	5	22	-16	11	17	5	15	-14

Table 3c (dehyd 2)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 CLIDEHY2														PAGE 11		
H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	FO	FC
-20	18	5	23	24	7	21	5	10	-8	-7	1	6	88	85	13	14
-18	18	5	13	-13	-16	22	5	7	-6	-5	1	6	82	-87	12	-11
-16	18	5	40	-40	-14	22	5	54	-52	-3	1	6	59	60	26	26
-14	18	5	42	-42	-12	22	5	16	-16	-1	1	6	13	-12	9	-8
-12	18	5	51	-49	-10	22	5	17	-26	-1	1	6	17	-12	8	8
-10	18	5	38	-37	-8	22	5	21	22	3	1	6	64	-67	10	14
-8	18	5	11	-7	-6	22	5	7	6	5	1	6	43	-43	15	9
-6	18	5	11	6	-4	22	5	30	-32	7	1	6	20	20	7	6
-2	18	5	8	-9	0	22	5	47	-48	13	1	6	19	18	44	43
0	18	5	11	-6	4	22	5	17	-17	15	1	6	17	20	13	6
2	18	5	36	-35	-15	23	5	30	27	-28	1	6	13	-14	16	-13
4	18	5	35	-35	-13	23	5	25	-25	-26	1	6	39	-36	31	-33
6	18	5	34	-32	-9	23	5	26	23	-16	1	6	15	-15	51	-50
8	18	5	14	-14	-7	23	5	17	-15	-14	1	6	25	-27	12	-10
-1	19	5	23	23	-5	23	5	17	16	-12	1	6	26	-17	12	-10
-3	19	5	16	-13	5	23	5	29	28	-10	1	6	12	-15	85	85
-5	19	5	46	-46	-14	24	5	25	-5	-8	1	6	68	-68	13	5
-7	19	5	14	14	-6	24	5	6	-29	-6	1	6	85	-84	9	-8
-9	19	5	14	19	-2	24	5	28	21	-4	1	6	31	-32	7	7
-11	19	5	6	-6	0	24	5	20	9	0	1	6	42	-41	11	10
-13	19	5	12	-12	-7	25	5	8	9	4	1	6	41	-44	9	9
-15	19	5	21	-21	-1	25	5	15	-13	6	1	6	41	-44	12	11
-17	19	5	22	-22	-1	25	5	11	-17	4	1	6	15	-14	69	70
-19	19	5	30	-29	-20	29	5	116	116	-25	2	6	26	-25	9	9
-18	20	5	36	-37	-18	30	5	11	-11	-17	3	6	21	-20	11	-10
-16	20	5	27	-26	-14	30	5	9	-6	-15	3	6	9	-7	35	-36
-14	20	5	13	-14	-12	30	5	71	-43	-9	3	6	27	-29	18	17
-12	20	5	16	-17	-10	30	5	43	115	-7	3	6	21	-23	37	40
-10	20	5	20	-20	-8	30	5	72	88	-5	3	6	22	-23	7	-7
-8	20	5	11	-10	-6	30	5	85	82	-3	3	6	56	-57	24	25
-6	20	5	13	-12	-4	30	5	79	68	-1	3	6	17	-15	14	-16
-4	20	5	22	-21	0	30	5	66	-61	3	3	6	87	-85	16	16
-2	20	5	18	-17	2	30	5	59	-28	5	3	6	61	-61	6	6
0	20	5	11	12	4	30	5	36	35	13	3	6	43	-42	13	13
2	20	5	11	9	6	30	5	41	42	-26	4	6	8	7	8	6
4	20	5	14	-13	14	30	5	9	10	-24	4	6	45	-45	14	-14
6	20	5	16	-14	-25	31	5	12	11	-18	4	6	23	-24	15	15
8	20	5	29	-28	-19	31	5	10	-10	-16	4	6	15	-14	17	17
-9	21	5	12	-12	-15	31	5	25	24	-12	4	6	17	-17	25	24
-11	21	5	21	-19	-13	31	5	18	-21	-10	4	6	17	-14	40	41
-13	21	5	21	-24	-11	31	5	22	9	-8	4	6	13	-13	51	-52
-17	21	5	14	-13	14	31	5	8	7	10	4	6	7	6	7	6
-19	21	5	16	-14	-27	31	5	45	-36	-4	4	6	35	-36	7	6
-7	21	5	29	-28	-19	31	5	75	-77	-23	4	6	19	-19	25	26
-3	21	5	12	-12	-15	31	5	40	-41	-17	4	6	16	-17	41	-41
-1	21	5	21	-19	-13	31	5	59	-58	-11	4	6	16	-11	59	-58
1	21	5	25	-24	-9	31	5	56	55	-9	4	6	87	-85	87	85
3	21	5	38	-35	-9	31	5	38	40	10	4	6	53	-55	53	-51

Table 3c (dehyd 2)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 CLIDEHY2										PAGE 12				
H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
-3	9	6	7	-2	-4	12	6	24	26	-16	16	6	32	31
-1	9	6	45	44	-2	12	6	36	-36	-14	16	6	32	-34
1	9	6	59	60	0	12	6	24	23	-12	16	6	46	46
5	9	6	38	38	2	12	6	13	9	-8	16	6	26	-27
7	9	6	19	-18	6	12	6	39	-40	-6	16	6	18	18
9	9	6	24	-25	8	12	6	29	-29	-4	16	6	43	-43
11	9	6	26	23	10	12	6	17	-17	-2	16	6	30	31
-24	10	6	28	30	12	12	6	24	-26	0	16	6	24	-25
-22	10	6	32	28	-23	13	6	11	-11	2	16	6	8	8
-20	10	6	32	33	-15	13	6	48	-51	6	16	6	25	-22
-18	10	6	28	-29	-13	13	6	21	22	10	16	6	31	-31
-14	10	6	24	-25	-11	13	6	63	-63	-17	17	6	64	-63
-10	10	6	72	72	-9	13	6	20	19	-15	17	6	11	-12
-8	10	6	11	9	-5	13	6	14	-11	-13	17	6	58	-60
-6	10	6	82	85	-3	13	6	28	-29	-11	17	6	22	-19
-4	10	6	8	-10	-1	13	6	29	-29	-9	17	6	24	23
-2	10	6	19	-19	1	13	6	36	-35	-7	17	6	17	-17
2	10	6	17	-16	3	13	6	18	-17	-5	17	6	20	-4
6	10	6	20	20	7	13	6	18	16	-3	17	6	43	-41
8	10	6	21	22	-20	14	6	31	-19	-1	17	6	23	-29
10	10	6	29	17	-22	14	6	20	35	3	17	6	30	-29
12	10	6	15	17	-18	14	6	34	35	7	17	6	12	11
-25	11	6	17	16	-16	14	6	21	-20	9	17	6	10	11
-23	11	6	34	-33	-14	14	6	17	-17	-18	18	6	28	-7
-21	11	6	44	43	-12	14	6	43	43	-14	18	6	11	-20
-19	11	6	27	-27	-8	14	6	22	21	9	17	6	10	8
-17	11	6	12	-12	-6	14	6	25	26	-12	18	6	21	33
-13	11	6	29	30	-4	14	6	20	21	-10	18	6	21	-7
-11	11	6	51	-50	0	14	6	12	-12	-8	18	6	44	-44
-9	11	6	40	-40	2	14	6	8	-2	-6	18	6	16	12
-7	11	6	40	40	2	14	6	26	28	-4	18	6	14	15
-5	11	6	40	-40	8	14	6	15	14	-2	18	6	28	-30
-3	11	6	29	-29	6	14	6	21	14	0	18	6	41	40
1	11	6	34	-34	10	14	6	15	22	2	18	6	26	-27
3	11	6	62	64	-17	15	6	35	37	4	18	6	35	35
5	11	6	51	-52	-15	15	6	11	35	-19	19	6	30	29
7	11	6	33	35	-13	15	6	42	10	-15	19	6	43	42
11	11	6	21	-22	-11	15	6	33	44	-11	19	6	16	-14
13	11	6	20	21	-9	15	6	33	-32	-9	19	6	16	17
-22	12	6	65	-67	-5	15	6	33	30	-7	19	6	19	-13
-20	12	6	10	8	-3	15	6	73	-37	-5	19	6	11	11
-18	12	6	12	12	-1	15	6	48	72	-3	19	6	34	34
-16	12	6	17	-16	1	15	6	21	48	-1	19	6	11	12
-14	12	6	98	97	3	15	6	48	18	-1	19	6	47	46
-12	12	6	75	-76	5	15	6	34	33	1	19	6	28	28
-10	12	6	14	15	7	15	6	25	-26	5	19	6	18	17
-8	12	6	16	-14	7	15	6	13	13	5	19	6	28	17
-6	12	6	79	-82	-22	16	6	29	-29	-18	20	6	18	17

Table 3c (dehyd 2)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 CLIDEHY2												PAGE 14		
H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
-27	1	8	19	21	-19	5	8	18	18	-12	8	8	27	28
-23	1	8	17	-18	-10	8	8	9	-8	-1	11	8	35	-34
-15	1	8	11	-11	-8	8	8	38	-40	3	11	8	12	13
-13	1	8	17	17	-4	8	8	82	-80	5	11	8	16	-14
-7	1	8	8	9	-2	8	8	15	-14	7	11	8	15	-34
-3	1	8	10	7	0	8	8	12	-12	7	11	8	25	-27
-1	1	8	29	-28	-7	5	8	24	-24	-20	12	8	13	-10
7	1	8	20	21	-1	5	8	43	42	-18	12	8	47	-48
9	1	8	9	-10	3	5	8	80	-78	4	6	8	23	-25
-26	2	8	9	-10	5	5	8	16	-15	8	8	8	42	-44
-24	2	8	23	20	5	5	8	56	56	-25	9	8	45	-46
-16	2	8	30	-30	7	5	8	13	-12	-19	9	8	48	-48
-14	2	8	26	24	9	5	8	11	-10	-15	9	8	62	-31
-12	2	8	11	8	9	5	8	21	-21	-17	9	8	10	-10
-8	2	8	23	8	-26	6	8	11	-12	-4	12	8	62	-62
-6	2	8	19	-18	-24	6	8	39	-41	-13	9	8	18	-18
-4	2	8	60	-59	-20	6	8	46	-46	-17	9	8	14	-14
-2	2	8	16	-16	-18	6	8	20	-16	-5	9	8	17	-19
-2	2	8	11	-9	-16	6	8	43	-42	-23	13	8	17	12
6	2	8	11	-44	-14	6	8	9	-20	-15	13	8	20	-25
-27	3	8	16	-15	-14	6	8	44	-44	-11	13	8	17	-19
-25	3	8	32	-31	-8	6	8	28	-8	5	5	8	34	-34
-13	3	8	58	-56	-4	6	8	47	47	7	9	8	30	-29
-9	3	8	40	39	0	6	8	15	-12	-24	10	8	22	21
-7	3	8	13	-14	2	6	8	58	-57	-20	10	8	12	13
-5	3	8	12	-11	2	6	8	46	-46	-18	10	8	16	16
-3	3	8	57	-57	4	6	8	40	41	-16	10	8	63	-60
-1	3	8	70	-71	-25	6	8	10	-9	-16	10	8	38	34
1	3	8	13	-11	-23	7	8	21	-23	-14	10	8	43	-43
3	3	8	34	-33	-21	7	8	22	-23	-12	10	8	20	-22
5	3	8	40	-39	-19	7	8	9	8	-10	10	8	16	-15
7	3	8	26	27	-17	7	8	12	-12	-6	10	8	8	-8
9	3	8	9	27	-12	7	8	15	-15	-8	10	8	11	11
-24	4	8	18	10	-15	7	8	78	-78	-4	10	8	50	-49
-22	4	8	7	18	-11	7	8	24	-24	0	10	8	46	44
-20	4	8	19	-3	-9	7	8	20	-18	6	10	8	8	7
-18	4	8	6	-5	-7	7	8	24	-18	6	10	8	35	-33
-16	4	8	7	-18	-9	7	8	19	-14	-23	11	8	51	-50
-12	4	8	6	6	-5	7	8	57	-59	-23	11	8	16	13
-10	4	8	33	-33	-3	7	8	26	-24	-21	11	8	11	11
-6	4	8	28	-25	-1	7	8	18	-17	-19	11	8	15	-15
-4	4	8	62	63	3	7	8	48	-48	-15	11	8	21	-23
-2	4	8	42	-41	5	7	8	23	-22	-13	11	8	10	-29
0	4	8	13	-13	7	7	8	14	-14	-20	11	8	32	-29
2	4	8	14	-13	7	7	8	23	-22	-11	11	8	18	18
6	4	8	11	-13	7	7	8	36	-36	-9	11	8	7	-6
-25	5	8	11	-21	-18	8	8	40	-41	-7	11	8	14	-15
-23	5	8	22	21	-16	8	8	9	9	-5	11	8	29	-32
-21	5	8	41	-39	-14	8	8	43	-42	-3	11	8	36	-35

Table 3c (dehyd 2)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 CLIDENHY2														PAGE 15		
H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	FO	FC
5	3	9	21	21	-1	7	9	39	-39	-13	13	9	11	-9	32	-30
-24	4	9	24	26	1	7	8	8	-9	-9	13	9	38	40	31	-16
-22	4	9	19	-17	-24	8	11	39	-38	-7	13	9	39	-38	12	-10
-16	4	9	28	-8	-22	8	19	18	-19	-5	13	9	37	-35	12	-8
-14	4	9	20	-28	-18	8	18	19	-19	-3	13	9	37	-36	30	-12
-12	4	9	16	-19	-16	8	30	26	-29	-1	13	9	19	-19	24	-31
-8	4	9	34	16	-14	8	26	47	-26	1	13	9	21	-19	11	-44
-6	4	9	12	-15	-10	8	15	15	-15	-16	14	9	17	-17	40	40
-4	4	9	13	-14	-8	8	24	9	-23	-10	14	9	34	-32	10	14
0	4	9	17	-17	-6	8	9	13	10	-8	14	9	20	19	9	14
4	4	9	18	16	-4	8	13	9	9	-4	14	9	9	19	7	6
6	4	9	8	-5	2	8	28	9	-28	-2	14	9	16	-16	40	38
-23	5	9	10	-12	-23	9	14	24	-14	0	14	9	19	17	40	-40
-21	5	9	77	-75	-21	9	24	57	-59	-17	15	9	14	14	38	-18
-19	5	9	21	-21	-19	9	57	13	11	-15	15	9	32	31	19	19
-17	5	9	88	-87	-15	9	13	32	33	-13	15	9	14	11	9	48
-11	5	9	18	16	-13	9	32	33	33	-9	15	9	14	11	9	15
-9	5	9	49	-48	-11	9	8	8	-32	-11	15	9	14	11	9	9
-7	5	9	52	-55	-9	9	18	8	10	-7	15	9	33	-32	10	10
-3	5	9	64	67	-3	9	37	37	38	-5	15	9	33	-32	30	35
-1	5	9	13	11	-1	9	17	6	6	-3	15	9	36	-32	49	49
3	5	9	15	14	3	9	6	6	13	-1	15	9	18	19	10	10
5	5	9	17	17	-22	10	14	23	-23	-18	16	9	9	-6	47	47
-24	6	9	20	-34	-20	10	23	70	72	-10	16	9	23	20	47	47
-18	6	9	14	-18	-12	10	45	12	43	-2	16	9	29	28	47	47
-16	6	9	25	-23	-6	10	38	42	40	-7	17	9	9	10	11	11
-14	6	9	23	-23	-4	10	31	37	-35	-5	17	9	17	18	20	21
-12	6	9	15	-13	-2	10	42	42	40	-3	17	9	14	17	15	26
-10	6	9	50	-49	0	10	37	37	35	-14	18	9	43	-42	55	55
-8	6	9	23	-25	4	10	19	19	19	-10	18	9	45	-40	41	40
-6	6	9	8	8	-21	11	15	15	13	-8	18	9	32	-32	15	11
-4	6	9	37	37	-19	11	17	17	-16	18	18	9	25	-24	22	22
-2	6	9	45	-44	-15	11	7	7	2	-24	18	9	13	-12	31	-31
0	6	9	24	-23	-7	11	23	23	-21	0	10	10	32	-32	38	-36
4	6	9	14	-13	-1	11	17	17	-18	0	10	10	21	-22	16	16
6	6	9	16	-40	-14	12	19	19	-19	-4	10	10	26	-28	14	14
-19	7	9	43	-40	-14	12	58	58	-58	-19	10	10	31	-11	17	17
-17	7	9	16	-18	-12	12	25	25	-24	0	10	10	27	-28	16	16
-15	7	9	14	-14	-10	12	30	30	-25	-3	10	10	58	-13	15	15
-13	7	9	32	-32	-8	12	24	24	-29	3	10	10	14	-14	14	14
-11	7	9	29	-27	-21	13	11	11	-11	4	10	10	8	-10	27	27
-7	7	9	17	-19	-17	13	8	8	8	-22	10	10	14	-12	11	11
-5	7	9	27	-25	-19	13	11	11	-11	2	10	10	12	-10	27	27
-3	7	9	51	-49	-15	13	27	27	-22	2	10	10	36	-36	36	36

Table 3c (dehyd 2)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 CLIDEHY2														PAGE 16											
H	K	L	F0	FC	H	K	L	F0	FC	H	K	L	F0	FC	H	K	L	F0	FC						
-6	0	11	23	24	-12	2	11	11	11	-3	3	11	19	17	-7	5	11	12	-13	-11	7	11	11	14	14
-4	0	11	18	20	-10	2	11	11	36	-18	4	11	20	20	-5	5	11	11	11	-7	7	11	11	29	31
-2	0	11	25	-24	-8	2	11	11	25	-16	4	11	21	-21	-18	6	11	9	7	-16	8	11	11	21	23
-21	1	11	13	-12	-6	2	11	11	23	-14	4	11	37	34	-12	6	11	21	-20	-12	8	11	11	11	12
-19	1	11	17	17	-4	2	11	11	9	-10	4	11	18	-18	-10	6	11	29	-26	-10	8	11	11	18	-18
-15	1	11	15	15	-21	3	11	11	9	-10	4	11	18	21	-10	6	11	29	29	-6	8	11	11	23	-22
-9	1	11	16	16	-19	3	11	11	18	-8	4	11	10	18	-8	6	11	29	-28	-15	9	11	11	24	25
-7	1	11	17	-18	-17	3	11	11	22	-6	4	11	11	9	-19	7	11	5	-33	-11	9	11	11	16	-15
-5	1	11	24	22	-15	3	11	11	27	-4	4	11	10	11	-17	7	11	5	-3	-12	10	11	11	27	10
-18	2	11	15	-16	-11	3	11	11	9	-7	5	11	37	11	-15	7	11	35	-34	-8	10	11	11	27	25
-16	2	11	29	-29	-7	3	11	11	23	-15	5	11	14	36	-13	7	11	27	-29	-13	11	11	11	10	10
-14	2	11	12	-12	-5	3	11	11	25	-13	5	11	27	27	-13	7	11	27	-29	-13	11	11	11	10	10

Table 3d for deposit

Observed and calculated structure factors

for partially dehydrated clinoptilolite (dehyd 3)

space group C2/m

$$a = 17.576(4) \text{ \AA}$$

$$b = 17.580(1) \text{ \AA}$$

$$c = 7.403(3) \text{ \AA}$$

$$\beta = 116.97(3)^\circ$$

Table 3d (dehyd 3)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MW 05/30/90

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	PAGE 1
2	4	0	200	-202	7	9	5	26	-25	1	11	0	10	-13	3	19	0	6	-2	0	2	2	1	33	-33
4	0	0	218	-220	9	5	5	118	116	3	11	0	10	5	19	0	15	16	16	4	4	4	109	104	
8	0	0	97	-98	11	5	0	54	52	5	11	0	13	-13	20	0	38	39	39	7	2	2	53	-50	
10	0	0	171	168	13	5	0	44	-46	7	11	0	10	-16	19	0	69	64	64	0	2	2	82	-87	
12	0	0	7	5	15	5	0	32	33	11	11	0	10	16	20	0	36	34	47	6	4	4	28	26	
14	0	0	64	60	17	5	0	47	-48	15	11	0	16	16	0	0	44	47	-11	10	2	165	-166		
16	0	0	77	80	17	5	0	88	92	15	11	0	19	-17	0	0	53	53	-53	12	2	20	87	-86	
18	0	0	11	9	2	6	0	6	-3	15	12	0	95	99	-18	0	10	151	4	-10	2	165	-166		
1	3	0	55	-57	4	6	0	51	-44	2	12	0	119	-126	-16	0	9	8	8	-8	3	33	-34		
9	1	0	69	-73	6	6	0	56	56	4	12	0	15	14	-14	0	108	108	151	-17	3	87	-89		
1	1	0	12	4	8	6	0	106	-104	6	12	0	95	98	-12	0	9	4	8	-10	3	16	-16		
1	1	0	18	-13	10	6	0	22	22	8	12	0	70	74	-8	0	114	108	151	-9	3	92	-95		
1	1	0	23	-20	12	6	0	55	57	10	12	0	75	74	-6	0	109	108	108	-4	3	19	-19		
1	1	0	32	36	14	6	0	59	-62	14	12	0	30	-31	-2	0	52	52	-52	-4	3	8	8		
1	1	0	32	33	16	7	0	72	72	14	12	0	13	11	4	0	94	94	-87	-5	3	11	-6		
1	1	0	27	-26	11	7	0	58	-63	11	13	0	36	-38	8	0	77	78	95	-7	3	139	-143		
1	1	0	32	31	11	7	0	22	15	12	12	0	31	-17	4	0	20	20	-23	-3	3	232	-238		
1	1	0	223	-240	5	5	0	155	-157	5	13	0	18	-98	4	0	94	94	-87	4	3	57	29		
2	2	0	90	-86	7	7	0	108	-107	7	13	0	31	29	8	0	99	95	95	6	3	63	-64		
2	2	0	31	-27	9	7	0	45	49	9	13	0	27	-25	8	0	77	78	78	5	3	73	-74		
2	2	0	10	-49	11	7	0	16	-10	11	13	0	16	-13	9	0	56	56	-58	9	3	55	54		
2	2	0	46	-49	13	7	0	119	112	13	13	0	28	89	10	0	31	31	10	11	3	119	-120		
2	2	0	11	-9	15	8	0	39	38	13	14	0	31	-28	16	0	77	77	31	17	3	74	-72		
2	2	0	44	-45	15	8	0	45	49	13	14	0	27	25	17	0	56	56	-58	9	3	74	-72		
2	2	0	65	-64	13	8	0	19	19	13	14	0	27	25	17	0	77	77	31	17	3	119	-120		
2	2	0	31	-27	9	7	0	108	-107	9	14	0	31	29	8	0	99	95	95	6	3	63	-64		
6	6	0	46	-47	11	8	0	16	-10	11	14	0	16	-13	9	0	56	56	-58	9	3	55	54		
6	6	0	10	-49	13	8	0	45	49	13	14	0	27	25	16	0	77	77	31	17	3	74	-72		
6	6	0	11	-9	15	8	0	39	38	13	14	0	27	25	16	0	77	77	31	17	3	74	-72		
6	6	0	44	-45	15	8	0	45	49	13	14	0	27	25	16	0	77	77	31	17	3	74	-72		
8	8	0	65	-64	13	8	0	19	19	13	14	0	27	25	16	0	99	95	95	6	3	63	-64		
8	8	0	10	-49	11	8	0	45	49	13	14	0	27	25	16	0	77	77	31	17	3	74	-72		
10	10	0	46	-49	13	8	0	16	-10	11	14	0	16	-13	9	0	56	56	-58	9	3	55	54		
10	10	0	11	-9	15	8	0	39	38	13	14	0	27	25	16	0	77	77	31	17	3	74	-72		
10	10	0	44	-45	15	8	0	45	49	13	14	0	27	25	16	0	77	77	31	17	3	74	-72		
12	12	0	11	-9	15	8	0	39	38	13	14	0	27	25	16	0	77	77	31	17	3	74	-72		
12	12	0	44	-45	15	8	0	45	49	13	14	0	27	25	16	0	77	77	31	17	3	74	-72		
12	12	0	11	-9	15	8	0	39	38	13	14	0	27	25	16	0	77	77	31	17	3	74	-72		
14	14	0	94	-93	14	9	0	52	-47	14	15	0	24	-24	-1	0	94	94	-96	-4	4	195	-96		
14	14	0	44	-45	15	8	0	45	49	13	14	0	27	25	16	0	77	77	31	17	3	74	-72		
14	14	0	51	-52	6	8	0	6	-5	12	14	0	15	-15	5	0	18	18	-17	-2	4	94	-98		
14	14	0	44	-45	15	8	0	45	49	13	14	0	27	25	16	0	77	77	31	17	3	74	-72		
14	14	0	71	-74	8	8	0	79	74	12	14	0	24	-24	-1	0	94	94	-96	-4	4	195	-96		
14	14	0	183	-178	10	8	0	16	-16	14	14	0	24	-24	-1	0	94	94	-96	-4	4	195	-96		
14	14	0	225	-225	10	8	0	21	-21	14	14	0	24	-24	-1	0	94	94	-96	-4	4	195	-96		
14	14	0	35	30	14	9	0	60	-62	14	15	0	25	26	6	0	60	60	60	7	4	69	66		
14	14	0	28	-28	14	9	0	72	72	15	15	0	25	26	6	0	60	60	60	7	4	69	66		
14	14	0	60	-58	14	9	0	100	-101	15	15	0	25	26	6	0	60	60	60	7	4	69	66		
14	14	0	8	4	13	9	0	67	68	15	15	0	25	26	6	0	60	60	60	7	4	69	66		
14	14	0	21	23	15	9	0	108	103	15	15	0	25	26	6	0	60	60	60	7	4	69	66		
14	14	0	7	6	13	9	0	62	62	15	15	0	25	26	6	0	60	60	60	7	4	69	66		
14	14	0	189	192	11	9	0	51	-50	15	15	0	25	26	6	0	60	60	60	7	4	69	66		
14	14	0	43	43	11	9	0	51	-50	15	15	0	25	26	6	0	60	60	60	7	4	69	66		
14	14	0	121	110	13	9	0	34	-34	16	16	0	50	-46	11	0	36	36	-37	-11	4	41	-42		
14	14	0	16	-12	13	9	0	129	-125	16	16	0	8	-6	12	0	74	74	-74	-10	4	89	-92		
14	14	0	76	77	15	9	0	58	-56	16	16	0	11	-10	12	0	36	36	-37	-11	4	41	-42		
14	14	0	8	5	15	9	0	10	-6	16	16	0	11	-10	12	0	74	74	-74	-10	4	89	-92		
16	16	0	27	22	15	10	0	61	-62	16	17	0	11	-10	12	0	36	36	-37	-11	4	41	-42		
16	16	0	21	22	15	10	0	30	-32	16	17	0	11	-10	12	0	74	74	-74	-10	4	89	-92		
16	16	0	179	-180	14	10	0	6	-4	17	17	0	9	-8	12	0	30	30	-32	-10	4	89	-92		
18	18	0	82	86	16	10	0	14	-14	17	17	0	9	-8	12	0	30	30	-32	-10	4	89	-92		

Table 3d (dehyd 3)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90

H	K	L	F0	FC	H	K	L	F0	FC	H	K	L	F0	FC	H	K	L	F0	FC	H	K	L	F0	FC	H	K	L	F0	FC	H	K	L	F0	FC	
-7	5	5	19	18	-14	8	8	58	60	-7	11	11	13	-8	2	14	14	21	-15	6	18	18	1	1	1	21	-15	6	18	18	1	1	1	12	-10
-5	5	5	103	-110	-12	8	8	29	-28	-5	11	11	68	63	4	14	14	10	-10	8	18	18	1	1	1	10	-10	8	18	18	1	1	1	29	-29
-3	5	5	175	-173	-10	8	8	93	92	-3	11	11	14	-10	6	14	14	12	-6	-7	19	19	1	1	1	12	-6	-7	19	19	1	1	22	-22	
-1	1	1	200	209	-8	8	124	-123	-3	11	11	8	33	33	8	14	14	60	59	-5	19	19	1	1	1	60	59	-5	19	19	1	1	6	-7	
1	3	3	87	86	-4	8	25	24	24	3	11	11	36	33	10	14	14	10	9	-3	19	19	1	1	1	10	9	-3	19	19	1	1	32	-31	
5	5	5	87	83	-2	8	37	34	34	5	11	11	86	-88	12	14	14	41	39	-1	19	19	1	1	1	41	39	-1	19	19	1	1	81	-78	
7	7	7	46	44	0	8	10	10	6	7	11	11	18	15	-13	15	15	30	29	1	19	19	1	1	1	30	29	1	1	1	15	12	15	12	
9	9	9	77	76	4	8	19	19	6	9	11	11	6	-3	-9	15	15	10	10	5	19	19	1	1	1	10	10	5	19	19	1	1	17	14	
11	5	5	50	50	8	8	72	67	67	11	11	11	6	6	7	15	15	65	65	-4	20	20	1	1	1	65	65	-4	20	20	1	1	23	22	
13	5	5	8	6	6	8	88	-84	-84	13	11	11	55	-55	-5	15	15	72	72	2	20	20	1	1	1	72	72	2	20	20	1	1	16	16	
15	5	5	35	36	8	8	5	6	6	-16	12	12	28	-26	-1	15	15	28	-26	0	20	20	1	1	1	28	-26	0	20	20	1	1	15	15	
-18	6	6	6	3	10	8	79	-80	-80	-16	12	12	23	26	3	15	15	23	26	-20	20	20	1	1	1	23	26	-20	20	20	1	1	26	26	
-14	6	6	15	-12	12	8	34	-32	-32	-12	12	12	69	68	5	15	15	54	53	18	18	1	1	1	54	53	18	18	1	1	6	6	8	-25	
-14	6	6	13	-12	14	8	24	-23	-23	-10	12	12	42	-39	-18	15	15	23	-24	-18	18	1	1	1	23	-24	-18	18	1	1	7	7	11	-25	
-12	6	6	23	-26	-17	9	36	-35	-35	-8	12	12	46	-45	7	15	15	46	-49	-16	16	1	1	1	46	-49	-16	16	1	1	8	8	11	81	
-10	6	6	24	-20	-15	9	68	-67	-67	-15	12	12	35	-30	9	15	15	13	-10	-14	14	1	1	1	13	-10	-14	14	1	1	72	75	75	82	
-8	6	6	15	-14	-11	9	20	-19	-19	-4	12	12	7	-101	11	15	15	14	-24	-12	12	1	1	1	14	-24	-12	12	1	1	83	82	82	115	
-6	6	6	91	-88	-9	9	47	-49	-49	-2	12	12	100	7	9	15	15	26	18	-8	18	1	1	1	26	18	-8	18	1	1	122	115	115	115	
-4	6	6	44	-45	-7	9	88	-90	-90	0	12	12	63	66	6	16	16	17	10	-6	16	1	1	1	17	10	-6	16	1	1	70	-69	-69	118	
-2	6	6	131	-134	-5	9	15	-20	-20	4	12	12	11	11	11	16	16	17	17	-4	16	1	1	1	17	17	-4	16	1	1	118	111	111	118	
0	6	6	147	-151	-3	9	13	-13	-13	6	12	12	16	-83	-8	16	16	59	-58	-6	16	1	1	1	59	-58	-6	16	1	1	262	-259	-259	262	
-2	6	6	110	-116	-1	9	45	-45	-45	8	12	12	86	-59	16	16	11	11	55	-55	-2	16	1	1	1	11	11	-2	16	1	1	100	95	95	100
0	6	6	107	-101	-1	9	51	-52	-52	6	12	12	63	-59	16	16	11	11	44	-44	0	16	1	1	1	44	-44	0	16	1	1	147	147	147	147
6	6	6	98	95	3	9	116	117	117	10	12	12	62	-61	2	16	16	10	13	0	16	1	1	1	10	13	0	16	1	1	118	114	114	118	
8	6	6	78	80	7	9	19	-19	-19	12	12	12	6	-3	4	16	16	7	9	4	16	1	1	1	7	9	4	16	1	1	36	36	36	36	
10	6	6	26	-23	11	9	15	-28	-28	-14	12	12	46	-45	4	16	16	23	24	8	16	1	1	1	23	24	8	16	1	1	23	23	23	23	
12	6	6	21	-17	7	9	31	-34	-34	-15	13	13	12	11	6	16	16	7	7	6	16	1	1	1	7	7	6	16	1	1	8	8	8	8	
14	6	6	26	-23	13	9	33	-33	-33	-13	13	13	42	-40	8	16	16	24	-27	10	16	1	1	1	24	-27	10	16	1	1	19	19	19	19	
14	6	6	56	-58	-16	10	16	18	18	-11	13	13	56	-55	-7	17	17	27	-28	-19	17	1	1	1	27	-28	-19	17	1	1	19	-19	-19	19	
-15	6	6	45	-43	-14	10	14	-14	-14	-9	13	13	42	-40	7	17	17	27	-28	-17	17	1	1	1	27	-28	-17	17	1	1	30	30	30	30	
-11	7	7	80	-84	-10	10	57	-59	-59	-5	13	13	64	-69	-5	17	17	39	-36	-15	17	1	1	1	39	-36	-15	17	1	1	60	60	60	60	
-9	7	7	46	-46	-8	10	197	196	196	-3	13	13	75	-77	-3	17	17	19	18	-13	17	1	1	1	19	18	-13	17	1	1	33	33	33	33	
-7	7	7	50	-49	-6	10	30	-26	-26	-1	13	13	18	16	-1	17	17	71	-73	-9	17	1	1	1	71	-73	-9	17	1	1	20	20	20	20	
-5	7	7	30	-33	-4	10	60	-63	-63	1	13	13	29	-32	3	17	17	44	-50	-7	17	1	1	1	44	-50	-7	17	1	1	90	90	90	90	
-3	7	7	84	-81	-2	10	36	39	39	5	13	13	53	-54	5	17	17	15	-14	-5	17	1	1	1	15	-14	-5	17	1	1	111	111	111	111	
-1	1	1	21	22	0	10	150	-148	-148	7	13	13	24	22	9	17	17	31	31	-3	17	1	1	1	31	31	-3	17	1	1	136	136	136	136	
1	1	1	122	-117	4	10	88	94	94	9	13	13	44	-48	9	17	17	31	31	-1	17	1	1	1	31	31	-1	17	1	1	73	73	73	73	
3	5	5	76	-78	6	10	79	-81	-81	7	13	13	19	17	7	17	17	16	-16	1	17	1	1	1	16	-16	1	17	1	1	128	128	128	128	
5	5	5	26	25	8	10	48	50	50	11	13	13	13	13	8	18	18	14	-39	3	18	1	1	1	14	-39	3	18	1	1	65	65	65	65	
7	7	7	16	16	10	10	78	-78	-78	-10	14	14	16	-17	-6	18	18	36	-36	5	18	1	1	1	36	-36	5	18	1	1	92	92	92	92	
7	7	7	54	53	10	10	46	-44	-44	-10	14	14	43	40	-4	18	18	23	-24	7	18	1	1	1	23	-24	7	18	1	1	84	84	84	84	
9	9	9	5	-2	12	10	16	-14	-14	-8	14	14	30	27	-2	18	18	27	-24	9	18	1	1	1	27	-24	9	18	1	1	11	11	11	11	
11	5	5	64	-67	-13	11	14	-14	-14	-6	14	14	12	13	-4	14	14	31	30	-1	14	1	1	1	31	30	-1	14	1	1	17	17	17	17	
15	5	5	59	-55	-11	11	27	-26	-26	-4	14	14	69	70	2	18	18	55	-50	11	14	1	1	1	55	-50	11	14	1	1	17	17	17	17	
-16	8	8	16	17	-9	11	35	-37	-37	0	14	14	5	-3	4	18	18	24	-23	15	14	1	1	1	24	-23	15	14	1	1	15	15	15	15	

Table 3d (dehyd 3)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90																PAGE			
																3			
H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
-20	8	2	28	26	-17	7	2	22	-8	13	8	2	69	-69	-13	11	2	14	13
-18	6	2	17	17	-15	8	2	10	7	-18	8	2	8	7	-11	11	2	37	37
-16	4	2	83	83	-13	8	2	34	-32	-9	11	2	122	-117	-7	11	2	122	122
-14	4	2	19	17	-9	8	2	23	23	-16	11	2	159	-160	-5	11	2	137	137
-12	4	2	146	-146	-7	8	2	123	-123	-12	11	2	137	-140	-3	11	2	34	34
-10	4	2	25	29	-5	8	2	27	25	-10	11	2	26	31	-1	11	2	26	26
-8	4	2	17	-14	-3	8	2	23	-24	-8	11	2	77	-81	-1	11	2	77	77
-6	4	2	44	-44	-1	8	2	27	-27	-6	11	2	140	-145	-1	11	2	140	140
-4	4	2	211	208	-1	8	2	10	-5	-4	11	2	73	-70	-3	11	2	73	73
-2	4	2	210	-204	1	8	2	105	-108	-2	11	2	12	15	-1	11	2	12	12
0	2	2	9	7	3	8	2	35	-36	0	11	2	20	-20	-3	11	2	20	20
2	2	2	42	-46	5	8	2	62	-61	2	11	2	51	-50	-1	11	2	51	51
4	2	2	58	-58	7	8	2	99	-98	4	11	2	21	-22	-1	11	2	21	21
6	2	2	9	5	9	8	2	51	-50	6	11	2	10	-11	-1	11	2	10	10
8	2	2	46	-46	11	8	2	10	-108	8	11	2	12	12	-1	11	2	12	12
10	2	2	77	73	11	8	2	21	-22	8	11	2	24	-24	-1	11	2	24	24
12	2	2	77	-73	13	8	2	10	-98	8	11	2	50	-49	-1	11	2	50	50
14	2	2	31	29	-18	8	2	23	-22	10	11	2	21	-21	-1	11	2	21	21
16	2	2	57	-56	-16	8	2	17	-16	12	11	2	34	-34	-1	11	2	34	34
18	2	2	29	-29	-14	8	2	10	-16	12	11	2	45	-47	-6	11	2	45	45
20	2	2	92	-90	-12	8	2	10	8	12	11	2	37	37	-4	11	2	37	37
22	2	2	20	-27	-10	8	2	10	-26	12	11	2	16	-15	-2	11	2	16	16
24	2	2	65	-65	-8	8	2	39	-83	12	11	2	11	6	-4	11	2	11	11
26	2	2	46	-48	-6	8	2	81	-55	12	11	2	16	-15	-2	11	2	16	16
28	2	2	152	-159	-4	8	2	30	37	12	11	2	11	6	0	11	2	11	11
30	2	2	91	86	-2	8	2	108	108	12	11	2	171	-172	4	11	2	171	171
32	2	2	91	97	0	8	2	13	-35	12	11	2	24	-27	4	11	2	24	24
34	2	2	57	58	2	8	2	35	-35	12	11	2	53	-51	6	11	2	53	53
36	2	2	73	-71	4	8	2	20	-22	12	11	2	27	-29	-9	11	2	27	27
38	2	2	19	-17	6	8	2	98	97	12	11	2	22	-20	-7	11	2	22	22
40	2	2	106	-102	8	8	2	20	-35	12	11	2	29	-30	-5	11	2	29	29
42	2	2	17	-18	6	8	2	19	-35	12	11	2	31	-31	-9	11	2	31	31
44	2	2	20	-20	10	8	2	48	-47	12	11	2	22	-20	-5	11	2	22	22
46	2	2	28	50	-17	8	2	19	50	12	11	2	8	-51	-1	11	2	8	8
48	2	2	89	90	-13	8	2	65	64	12	11	2	10	-9	-8	11	2	10	10
50	2	2	19	-18	-11	8	2	17	16	12	11	2	15	9	-10	11	2	15	15
52	2	2	84	-82	-9	8	2	101	101	12	11	2	31	-32	-6	11	2	31	31
54	2	2	78	83	-7	8	2	11	8	12	11	2	29	-29	-4	11	2	29	29
56	2	2	66	-63	-5	8	2	11	4	12	11	2	34	-32	-4	11	2	34	34
58	2	2	9	7	-3	8	2	14	-14	12	11	2	21	-19	-7	11	2	21	21
60	2	2	52	50	-1	8	2	62	59	12	11	2	17	-17	-5	11	2	17	17
62	2	2	38	-34	1	8	2	85	-88	12	11	2	14	-14	-3	11	2	14	14
64	2	2	74	76	3	8	2	6	-6	12	11	2	37	-37	-1	11	2	37	37
66	2	2	134	-135	5	8	2	7	-8	12	11	2	22	-21	-3	11	2	22	22
68	2	2	74	73	7	8	2	10	-8	12	11	2	14	-12	-1	11	2	14	14
70	2	2	31	-31	9	8	2	7	-8	12	11	2	14	-14	-4	11	2	14	14
72	2	2	134	135	11	8	2	60	-57	12	11	2	76	-78	-2	11	2	76	76

Table 3d (dehyd 3)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MW 05/30/90

H	K	L	F0	FC	H	K	L	F0	FC	H	K	L	F0	FC	H	K	L	F0	FC
-18	0	0	45	49	10	2	3	48	-48	11	5	3	43	-40	12	8	3	14	-11
-16	0	0	14	12	12	2	3	21	-20	-18	6	3	23	25	-17	9	3	17	-18
-14	0	0	59	-62	14	2	3	30	-29	-16	6	3	42	-42	-15	9	3	44	-42
-12	0	0	76	77	19	2	3	35	-35	-14	6	3	82	86	-13	9	3	15	-15
-10	0	0	201	-201	-17	3	3	36	-36	-12	6	3	65	-65	-11	9	3	83	-81
-8	0	0	28	-25	-15	3	3	67	-70	-10	6	3	63	62	-9	9	3	49	50
-6	0	0	40	-30	-13	3	3	78	-80	-8	6	3	60	-60	-7	9	3	11	12
-4	0	0	31	-31	-11	3	3	32	-32	-6	6	3	33	36	-5	9	3	39	35
-2	0	0	203	203	-9	3	3	27	-23	-4	6	3	29	-30	-1	9	3	113	-115
0	0	0	74	-78	-7	3	3	10	-9	-2	6	3	57	53	1	9	3	81	83
2	0	0	176	-177	-5	3	3	7	12	0	6	3	96	96	5	9	3	134	137
4	0	0	126	123	-3	3	3	57	-62	2	6	3	102	104	7	9	3	28	-27
6	0	0	38	36	-1	3	3	9	-112	4	6	3	24	-21	9	9	3	8	-6
8	0	0	44	44	1	3	3	85	-88	6	6	3	13	15	11	9	3	20	18
10	0	0	37	35	3	3	3	40	42	8	6	3	80	80	-18	9	3	49	50
12	0	0	30	32	5	3	3	107	-109	10	6	3	58	-58	-16	9	3	32	-31
14	0	0	66	66	7	3	3	30	28	12	6	3	13	-15	-14	9	3	14	-12
16	0	0	44	44	9	3	3	14	-13	14	6	3	44	-44	-12	9	3	19	17
18	0	0	8	8	11	3	3	23	22	-15	6	3	5	-5	-10	9	3	19	17
-1	1	1	44	43	-20	4	4	12	14	-11	7	3	98	-100	-6	10	3	87	86
-3	1	1	44	44	-18	4	4	12	11	-9	7	3	107	-107	-4	10	3	38	39
-5	1	1	59	58	-12	4	4	84	-81	-7	7	3	76	-75	-2	10	3	40	43
-7	1	1	30	28	-6	4	4	98	-94	-5	7	3	114	116	4	10	3	54	51
-9	1	1	9	9	-4	4	4	126	119	-3	7	3	54	-55	2	10	3	22	-21
-11	1	1	42	40	-2	4	4	63	-61	-1	7	3	58	-60	4	10	3	39	-38
-13	1	1	83	79	4	4	4	20	14	3	7	3	115	-117	6	10	3	31	31
-15	1	1	64	64	6	4	4	13	-12	5	7	3	25	-24	8	10	3	33	-32
-17	1	1	26	-26	8	4	4	24	-28	7	7	3	15	14	-9	11	3	9	9
-19	1	1	10	-5	10	4	4	29	30	9	7	3	34	-31	-7	11	3	49	48
-20	1	1	27	-27	12	4	4	8	6	11	8	3	10	-7	-5	11	3	63	68
-18	2	2	27	-27	14	5	5	87	87	-16	8	3	46	-47	-3	11	3	96	100
-14	2	2	15	-14	13	5	5	136	137	-14	8	3	60	62	1	11	3	46	-50
-12	2	2	49	50	11	5	5	39	38	-10	8	3	63	-64	3	11	3	54	55
-10	2	2	78	76	9	5	5	29	22	-8	8	3	29	-25	5	11	3	53	52
-8	2	2	84	88	-5	5	5	80	82	-6	8	3	149	-149	7	11	3	49	-64
-6	2	2	52	-52	-3	5	5	55	-57	-2	8	3	64	-64	9	11	3	65	65
-4	2	2	21	-13	-1	5	5	152	151	0	8	3	54	-58	11	11	3	49	45
-2	2	2	25	53	3	5	5	69	-68	4	8	3	32	-34	-16	12	3	41	-38
0	2	2	54	53	5	5	5	198	202	-14	8	3	70	-71	-14	12	3	29	-27
2	2	2	25	25	7	5	5	51	51	-10	8	3	43	-42	-12	12	3	69	70
4	2	2	13	96	9	5	5	32	32	-8	8	3	9	-8	-10	12	3	93	-93
6	2	2			10	5	5			8	8	3	22	-21	-8	12	3	14	9
8	2	2			8	5	5			8	8	3			-11	12	3		

Table 3d (dehyd 3)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MW 05/30/90														PAGE	
H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	5
-9	17	3	53	-55	5	1	4	57	-55	8	4	4	16	17	55
-7	17	3	61	60	9	1	4	37	39	10	4	4	20	25	55
-5	17	3	13	-10	9	2	4	38	42	10	4	4	92	-19	25
-3	17	3	21	20	-18	2	4	41	-40	-19	4	4	9	94	67
-1	17	3	9	10	-16	2	4	62	61	-15	4	4	9	77	77
-1	17	3	37	-39	-14	2	4	50	-51	-13	4	4	62	-78	11
1	17	3	8	-39	-12	2	4	73	-72	-11	4	4	30	11	13
3	17	3	36	4	-10	2	4	9	7	-9	4	4	88	-39	43
5	17	3	36	-36	-8	2	4	164	-162	-7	4	4	40	39	46
-10	18	3	37	-35	-6	2	4	66	66	-5	4	4	59	-58	57
-6	18	3	21	19	-6	2	4	25	24	-3	4	4	98	99	25
-2	18	3	10	-8	-4	2	4	46	-43	-1	4	4	41	37	53
0	18	3	17	9	-2	2	4	60	60	1	4	4	50	59	7
2	18	3	7	-32	0	2	4	15	-19	-3	4	4	62	-51	66
-7	19	3	38	-36	2	2	4	47	-47	3	4	4	78	-79	64
-5	19	3	65	64	4	2	4	57	-60	5	4	4	83	80	33
-3	19	3	25	-23	6	2	4	42	-44	7	4	4	43	-98	56
-1	19	3	14	-12	8	2	4	29	-29	9	4	4	24	45	75
-1	19	3	11	11	10	2	4	21	19	11	4	4	47	24	15
-1	19	3	21	-24	12	2	4	87	-89	-16	4	4	41	-40	41
-20	0	0	21	31	-19	2	4	15	5	-14	4	4	65	69	11
-18	0	0	32	-105	-17	2	4	90	-90	-12	4	4	22	25	35
-16	0	0	104	104	-15	2	4	50	-51	-10	4	4	56	-56	35
-14	0	0	159	161	-13	2	4	143	145	-8	4	4	55	55	26
-12	0	0	26	-29	-11	2	4	32	32	-6	4	4	13	11	23
-10	0	0	43	41	-9	2	4	41	36	-4	4	4	36	37	38
-8	0	0	139	140	-7	2	4	50	51	-2	4	4	83	84	21
-6	0	0	74	-69	-5	2	4	32	32	0	4	4	20	21	19
-4	0	0	139	138	-3	2	4	41	36	2	4	4	33	33	11
-2	0	0	41	-43	-1	2	4	83	-84	4	4	4	44	44	44
0	0	0	29	-26	1	2	4	22	-23	6	4	4	24	23	37
2	0	0	9	8	3	2	4	24	26	8	4	4	68	73	8
4	0	0	121	118	5	2	4	31	31	10	4	4	43	40	12
6	0	0	20	20	7	2	4	72	-69	15	4	4	24	23	37
8	0	0	71	71	9	2	4	31	31	17	4	4	66	66	37
10	0	0	61	-63	-20	2	4	27	-27	15	4	4	150	-156	124
-12	0	0	23	23	-18	2	4	12	12	-13	4	4	20	20	20
-17	0	0	38	-37	-16	2	4	8	8	-11	4	4	59	61	20
-15	0	0	26	-25	-14	2	4	36	35	-7	4	4	84	84	20
-13	0	0	53	54	-10	2	4	65	64	-5	4	4	20	20	20
-11	0	0	41	-38	-8	2	4	44	41	-3	4	4	8	8	35
-9	0	0	24	-28	-6	2	4	21	-19	-1	4	4	53	51	11
-7	0	0	54	-54	-4	2	4	35	35	1	4	4	8	8	10
-5	0	0	86	-87	-2	2	4	25	-22	5	4	4	50	51	45
-3	0	0	78	79	0	2	4	27	27	7	4	4	31	31	70
-1	0	0	37	-35	2	2	4	46	46	9	4	4	16	16	71
1	0	0	65	62	4	2	4	18	-18	11	4	4	29	29	50
3	0	0	10	-10	6	2	4	94	-95	16	4	4	38	38	17

Table 3d (dehyd 3)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
-10	16	4	19	-17	-20	2	2	12	-13	-5	5	5	102	-104	-9	9	5	41	41	-2	14	5	25	26
-8	16	4	7	-4	-18	2	2	53	-53	-3	5	5	116	114	-7	9	5	40	-39	0	14	5	54	54
-4	16	4	41	39	-16	2	2	24	-20	-1	5	5	108	-110	-5	9	5	113	114	2	14	5	18	-19
-2	16	4	14	-14	-14	2	2	67	-66	1	5	5	22	23	-3	9	5	109	-109	-11	15	5	53	45
0	16	4	11	9	-12	2	2	22	-19	3	5	5	54	56	3	9	5	21	49	-7	15	5	47	23
2	16	4	26	28	-10	2	2	80	-79	7	5	5	83	84	5	9	5	48	27	-3	15	5	22	-26
4	16	4	24	-25	-6	2	2	43	-41	9	5	5	34	35	7	9	5	25	27	-1	15	5	29	27
-11	17	4	13	11	-8	2	2	57	-59	-16	5	5	23	-22	-16	9	5	60	33	-10	16	5	32	28
-9	17	4	40	44	-4	2	2	86	-84	-14	5	5	43	-42	-14	9	5	61	61	-8	16	5	13	-13
-7	17	4	27	-27	-2	2	2	60	-58	-12	5	5	40	-37	-12	9	5	25	-22	-4	16	5	28	29
-5	17	4	10	-5	0	2	2	43	-44	-10	5	5	48	-49	-10	9	5	26	-25	-6	16	5	16	-4
-3	17	4	71	-72	2	2	2	96	-96	-8	5	5	58	-56	-8	9	5	17	13	-2	16	5	52	-24
-1	17	4	30	-26	4	2	2	16	-100	-6	5	5	67	-69	-6	9	5	14	-14	-4	16	5	27	27
-1	18	4	18	13	6	2	2	15	-15	-2	5	5	22	22	-4	9	5	17	17	0	16	5	10	-9
-8	18	4	14	8	-19	2	2	10	-7	4	5	5	30	31	0	9	5	63	64	-7	17	5	10	9
-6	18	4	10	51	-15	2	2	43	-41	0	5	5	53	-54	2	9	5	19	16	-5	17	5	49	-50
-4	18	4	51	-51	-13	2	2	124	-126	4	5	5	15	-17	4	9	5	58	57	-18	17	5	17	-19
-2	18	4	28	46	-9	2	2	68	-72	6	5	5	15	-12	6	9	5	22	-23	-14	16	5	65	64
-18	0	0	105	106	-7	2	2	103	-104	19	5	5	22	-22	-15	9	5	33	34	-11	16	5	44	-43
-16	0	0	13	70	-5	2	2	25	-23	-17	5	5	12	13	-9	9	5	15	-15	-4	16	5	70	70
-14	0	0	58	56	-3	2	2	42	-42	-15	5	5	91	-92	-7	9	5	28	27	-6	16	5	67	61
-12	0	0	172	-172	-1	2	2	61	-65	-11	5	5	14	16	-9	9	5	19	-19	-8	16	5	83	85
-10	0	0	133	134	1	2	2	70	70	-13	5	5	81	-82	-5	9	5	58	56	0	16	5	61	61
-8	0	0	75	74	3	2	2	14	-15	-9	5	5	50	-49	-1	9	5	19	-19	0	16	5	15	-14
-6	0	0	47	44	5	2	2	57	-57	-7	5	5	65	-65	3	9	5	70	69	2	16	5	18	16
-4	0	0	191	189	7	2	2	34	-32	-5	5	5	24	23	5	9	5	11	-20	4	16	5	34	33
-2	0	0	45	-47	-20	2	2	20	-18	-1	5	5	44	-49	-10	9	5	11	9	6	16	5	20	20
8	0	0	163	-47	-16	2	2	44	-43	7	5	5	30	-29	-8	9	5	76	-63	6	16	5	12	7
6	0	0	49	-49	-14	2	2	7	35	5	5	5	29	-27	-6	9	5	16	-17	-9	16	5	68	83
8	0	0	43	42	-10	2	2	44	43	7	5	5	13	13	-15	9	5	6	48	-7	16	5	59	61
-19	1	1	23	-25	-8	2	2	44	-43	16	5	5	18	-18	-13	9	5	32	-27	-1	16	5	14	-13
-17	1	1	22	-22	-6	2	2	25	-27	-14	5	5	18	-18	-13	9	5	34	-33	5	16	5	66	66
-15	1	1	10	12	-4	2	2	99	-99	-12	5	5	76	-74	-11	9	5	11	-11	-3	16	5	13	13
-13	1	1	55	59	-2	2	2	49	-49	-10	5	5	13	13	-9	9	5	48	48	-1	16	5	16	16
-11	1	1	70	-70	0	2	2	108	111	-8	5	5	8	8	-11	9	5	32	-33	3	16	5	18	18
-9	1	1	72	-68	0	2	2	43	43	-6	5	5	48	48	-9	9	5	21	-19	7	16	5	13	13
-7	1	1	35	-38	6	2	2	56	-59	-4	5	5	65	-64	-7	9	5	37	-38	5	16	5	18	18
-5	1	1	46	-45	8	2	2	44	-43	8	5	5	46	-50	-3	9	5	21	-19	3	16	5	16	16
-3	1	1	31	33	-19	2	2	15	-12	0	5	5	54	-54	-3	9	5	11	-12	-1	16	5	13	13
-1	1	1	29	-27	-17	2	2	24	-23	-14	5	5	14	-16	-14	9	5	11	-15	-16	16	5	16	16
-1	1	1	8	11	-13	2	2	43	-43	6	5	5	10	-9	-8	9	5	22	-21	-10	16	5	13	13
3	1	1	14	-11	-9	2	2	55	56	8	5	5	10	9	-6	9	5	45	-45	-10	16	5	51	-52
5	1	1	20	-21	-7	2	2	22	21	13	5	5	29	9	-6	9	5	26	25	-8	16	5	69	68
7	1	1	31	32	-9	2	2	181	180	-11	5	5	53	-50	-4	9	5	16	15	6	16	5	87	-84

Table 3d (dehyd 3)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90

										PAGE 7				
H	K	L	F0	FC	H	K	L	F0	FC	H	K	L	F0	FC
-4	2	2	28	-28	4	6	6	11	-12	-3	11	11	29	26
0	2	2	70	-71	6	7	6	11	-59	1	11	11	28	-32
4	2	2	39	38	7	6	6	12	85	-14	12	12	89	85
4	2	2	34	-37	7	7	6	12	-24	-10	12	12	70	-69
6	2	2	15	-15	7	7	6	12	-29	-10	12	12	12	13
6	2	2	22	-22	7	7	6	12	-73	-8	12	12	22	-20
6	2	2	7	-5	7	7	6	12	42	-6	12	12	80	-81
6	2	2	85	-87	7	7	6	12	23	-4	12	12	28	33
6	2	2	32	32	7	7	6	12	28	-2	12	12	31	-33
6	2	2	25	-25	7	7	6	12	-1	-2	12	12	17	17
6	2	2	68	64	7	7	6	12	-19	-13	13	13	29	28
6	2	2	56	-56	7	7	6	12	-41	-11	13	13	65	-64
6	2	2	17	-17	7	7	6	12	14	-11	13	13	19	18
6	2	2	14	14	7	7	6	12	87	-5	13	13	9	-9
6	2	2	87	-86	7	7	6	12	39	-7	13	13	18	-16
6	2	2	22	21	7	7	6	12	-26	-3	13	13	24	26
6	2	2	20	-23	7	7	6	12	8	-10	14	14	11	-14
6	2	2	45	49	7	7	6	12	-29	-8	14	14	40	40
6	2	2	54	51	7	7	6	12	-59	-4	14	14	17	18
6	2	2	37	36	7	7	6	12	24	-4	14	14	19	21
6	2	2	9	10	7	7	6	12	-25	-9	14	14	8	-10
6	2	2	14	-13	7	7	6	12	-22	-7	15	15	23	-22
6	2	2	13	15	7	7	6	12	23	-5	15	15	6	6
6	2	2	7	-8	7	7	6	12	-24	-18	15	15	32	31
6	2	2	8	9	7	7	6	12	16	-16	16	16	7	-7
6	2	2	21	20	7	7	6	12	-54	-14	16	16	44	49
6	2	2	13	-11	7	7	6	12	13	-14	16	16	77	76
6	2	2	82	83	7	7	6	12	52	-16	16	16	12	-14
6	2	2	13	12	7	7	6	12	-54	-12	16	16	43	40
6	2	2	10	8	7	7	6	12	17	-10	16	16	38	36
6	2	2	72	-70	7	7	6	12	42	-6	16	16	22	-24
6	2	2	13	13	7	7	6	12	-7	-4	16	16	10	10
6	2	2	10	7	7	7	6	12	53	-2	16	16	27	-27
6	2	2	81	79	7	7	6	12	42	-2	16	16	27	27
6	2	2	25	22	7	7	6	12	-27	0	16	16	42	46
6	2	2	61	61	7	7	6	12	10	-17	16	16	47	45
6	2	2	13	-16	7	7	6	12	66	-15	16	16	29	-27
6	2	2	27	27	7	7	6	12	9	-13	16	16	9	45
6	2	2	9	-8	7	7	6	12	71	-9	16	16	48	-6
6	2	2	25	-60	7	7	6	12	16	-7	16	16	27	-28
6	2	2	60	40	7	7	6	12	12	-5	16	16	27	60
6	2	2	41	-40	7	7	6	12	-21	-3	16	16	61	-13
6	2	2	38	-41	7	7	6	12	35	-3	16	16	13	16
6	2	2	83	83	7	7	6	12	-37	1	16	16	18	-33
6	2	2	109	-111	7	7	6	12	50	-1	16	16	35	16
6	2	2	45	47	7	7	6	12	-31	-18	16	16	18	-17

Table 3e for deposit

Observed and calculated structure factors

for partially dehydrated clonoptilolite (dehyd 4,

B phase)

space group C2/m

$$a = 17.00(1) \text{ \AA}$$

$$b = 16.66(1) \text{ \AA}$$

$$c = 7.350(5) \text{ \AA}$$

$$\beta = 116.44(6)^\circ$$

Table 3e (dehyd 4, B phase)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 08/28/90 SUPERDEHY										PAGE 1				
H	K	L	F0	FC	H	K	L	F0	FC	H	K	L	F0	FC
2	0	0	174	-179	15	5	0	31	-32	8	12	0	30	-28
4	0	0	165	155	17	5	0	45	42	10	12	0	23	-22
6	0	0	26	29	0	6	0	36	-27	12	12	0	40	43
8	0	0	114	-109	2	6	0	30	-33	14	12	0	43	-37
10	0	0	72	74	6	6	0	12	-9	1	13	0	31	-31
12	0	0	162	165	8	6	0	139	134	5	13	0	51	51
14	0	0	23	-20	10	6	0	25	20	7	13	0	13	13
16	0	0	103	98	12	6	0	16	20	9	13	0	12	-9
18	0	0	21	-26	14	6	0	26	-24	13	13	0	54	-51
1	1	0	47	-40	16	6	0	60	24	0	14	0	61	-68
3	1	0	49	56	3	7	0	47	-67	4	14	0	82	-78
5	1	0	27	23	5	7	0	47	47	6	14	0	52	55
7	1	0	39	-39	7	7	0	77	-71	8	14	0	29	-30
9	1	0	28	27	9	7	0	72	-71	10	14	0	31	27
11	1	0	28	-29	11	7	0	50	54	12	14	0	31	-31
13	1	0	27	29	13	7	0	25	-24	1	15	0	44	42
0	2	0	242	-267	0	8	0	204	194	11	15	0	34	-33
2	2	0	63	-57	2	8	0	27	31	9	15	0	41	40
4	2	0	74	-75	4	8	0	41	-44	11	16	0	45	45
6	2	0	34	36	6	8	0	43	-44	2	16	0	30	30
8	2	0	58	59	8	8	0	145	-146	4	16	0	65	-60
10	2	0	17	20	10	8	0	66	64	6	16	0	27	25
12	2	0	57	-54	12	8	0	47	-46	8	16	0	27	-25
14	2	0	17	-18	14	8	0	48	48	10	17	0	11	11
16	2	0	24	-30	1	9	0	12	-11	1	17	0	19	17
18	2	0	28	-24	3	9	0	81	82	3	17	0	13	17
1	3	0	145	-156	5	9	0	58	-61	5	18	0	20	20
3	3	0	91	84	7	9	0	19	19	7	18	0	30	26
5	3	0	171	-167	9	9	0	26	-22	9	18	0	28	-38
7	3	0	20	-17	11	9	0	20	29	2	18	0	18	17
9	3	0	32	-27	13	9	0	13	-13	4	18	0	14	-14
11	3	0	25	-25	0	10	0	16	-80	5	19	0	15	-9
13	3	0	32	-34	2	10	0	77	70	-1	19	0	34	-21
15	3	0	55	-54	4	10	0	25	31	3	3	0	19	13
17	3	0	65	-61	6	10	0	67	92	5	3	0	51	50
0	4	0	257	263	8	10	0	92	70	7	3	0	40	44
2	4	0	9	-2	10	10	0	33	-33	9	3	0	43	-41
4	4	0	41	31	14	10	0	14	-10	11	3	0	51	-51
6	4	0	50	42	1	11	0	12	-11	13	3	0	18	-17
8	4	0	31	-29	3	11	0	117	118	15	3	0	75	-74
10	4	0	36	-33	5	11	0	57	-61	17	3	0	65	-63
12	4	0	86	86	9	11	0	65	70	19	3	0	30	28
14	4	0	66	86	11	11	0	39	-38	2	4	0	81	83
1	5	0	50	56	11	11	0	66	-65	4	4	0	86	77
3	5	0	136	-138	13	11	0	141	138	6	4	0	81	83
5	5	0	75	80	15	11	0	39	-42	8	4	0	70	-65
7	5	0	38	-39	17	12	0	23	24	10	4	0	70	-65
9	5	0	68	68	19	12	0	16	-8	12	4	0	105	-101
11	5	0			21	12	0			14	4	0	97	-85

Table 3e (dehyd 4, B phase)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 08/28/90 SUPERDEHY																PAGE 2			
H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
11	7	1	28	29	-1	11	1	37	-39	-4	16	1	59	57	-12	2	2	89	-94
13	7	1	22	-20	1	11	1	37	44	0	16	1	50	50	-10	2	2	69	-70
-16	8	1	31	-30	5	11	1	36	-31	6	16	1	39	41	-8	2	9	9	-17
-14	8	1	39	-39	3	11	1	67	67	8	16	1	15	12	-6	2	10	10	-15
-12	8	1	50	-47	7	11	1	83	81	-9	17	1	15	13	-4	2	176	-10	
-8	8	1	65	-70	9	11	1	21	21	-5	17	1	68	67	-2	2	137	-123	
-6	8	1	104	-105	13	11	1	21	24	-3	17	1	87	79	0	2	17	-18	
-2	8	1	28	-27	-8	12	1	34	-29	-1	17	1	50	-50	2	2	25	-21	
0	8	1	20	16	-12	12	1	14	-16	7	17	1	49	48	4	2	49	-47	
2	8	1	170	-171	4	12	1	48	48	-8	18	1	20	-22	2	2	35	33	
6	8	1	28	-23	-6	12	1	44	46	-4	18	1	25	-21	8	2	84	78	
8	8	1	22	-26	-4	12	1	26	46	-2	18	1	26	-18	12	2	60	16	
8	8	1	26	-25	-2	12	1	41	-47	0	18	1	21	-8	14	2	30	-31	
12	8	1	44	-45	0	12	1	54	-56	-4	18	1	20	19	-19	2	22	-23	
-11	9	1	63	64	2	12	1	39	39	2	19	1	21	17	-17	2	30	-31	
-9	9	1	71	-73	4	12	1	29	29	-5	19	1	29	-29	-9	2	47	-49	
-7	9	1	120	-121	6	12	1	24	28	-3	19	1	60	60	-11	2	62	-64	
-5	9	1	36	-34	8	12	1	30	30	-1	19	1	58	62	-7	2	68	67	
-3	9	1	48	-53	10	12	1	13	-37	-14	20	1	20	28	-15	2	64	-60	
-1	9	1	14	15	-12	12	1	13	-12	-10	20	1	137	134	-5	2	23	20	
1	9	1	11	-6	-11	13	1	36	35	-8	20	1	225	-228	-3	2	64	-60	
3	9	1	29	33	-9	13	1	71	-30	0	20	1	310	181	-1	2	37	-22	
5	9	1	100	-102	11	13	1	30	-69	-4	20	1	225	-297	1	2	33	-26	
7	9	1	44	42	12	13	1	59	58	0	20	1	185	242	3	2	108	-108	
9	9	1	83	-82	13	13	1	32	-37	2	20	1	149	142	5	2	21	18	
9	9	1	15	-19	-3	13	1	41	-43	4	20	1	53	50	7	2	47	-40	
11	9	1	17	14	5	13	1	12	-37	6	20	1	125	119	9	2	54	-51	
-16	10	1	94	93	7	13	1	12	-43	8	20	1	184	183	11	2	47	-40	
-14	10	1	50	52	8	14	1	48	-46	10	20	1	103	101	13	2	60	-61	
-10	10	1	44	41	-6	14	1	62	-59	14	20	1	17	19	-15	2	39	-40	
-8	10	1	148	-148	-6	14	1	25	-27	14	20	1	52	57	-16	2	62	-61	
-6	10	1	22	19	-4	14	1	18	-15	19	20	1	24	29	-14	2	71	71	
-4	10	1	101	100	-2	14	1	24	-24	-17	20	1	22	-28	-12	2	21	23	
-2	10	1	50	-56	0	14	1	33	30	-15	20	1	48	45	-10	2	68	65	
0	10	1	169	167	8	14	1	53	-50	-7	20	1	22	29	-12	2	80	80	
2	10	1	39	43	10	14	1	13	-7	-9	20	1	14	13	-8	2	78	66	
4	10	1	89	89	-11	15	1	37	-35	-5	20	1	65	-58	-6	2	80	80	
6	10	1	71	-73	-9	15	1	49	-45	-3	20	1	44	42	-4	2	39	-40	
8	10	1	22	-21	-3	15	1	34	35	-1	20	1	34	35	-2	2	71	71	
10	10	1	26	-25	1	15	1	36	-32	3	20	1	63	65	0	2	10	10	
12	10	1	69	65	3	15	1	18	-19	5	20	1	16	17	-4	2	37	-36	
14	10	1	24	-23	5	15	1	34	-37	7	20	1	44	42	-6	2	10	10	
-13	11	1	33	31	7	15	1	24	-32	9	20	1	53	50	-8	2	85	85	
-11	11	1	26	-24	9	15	1	37	-37	11	20	1	41	42	-10	2	65	66	
-9	11	1	111	111	11	15	1	29	25	13	20	1	48	50	-12	2	89	-92	
-7	11	1	45	43	13	16	1	37	37	15	20	1	24	27	-14	2	17	17	
-5	11	1	112	111	15	16	1	24	21	17	20	1	52	51	-16	2	41	-42	
-3	11	1	42	44	16	16	1	43	21	19	20	1	60	60	-18	2	68	68	

Table 3e (dehyd 4, B phase)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 08/28/90 SUPERDEHY										PAGE 3				
H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
-8	8	2	21	22	0	12	2	17	15	-3	19	2	31	-27
-6	8	2	121	-124	2	12	2	13	13	-20	0	2	14	-19
-4	8	2	41	-42	6	12	2	20	19	-18	0	3	81	88
-2	8	2	56	-59	8	12	2	62	-56	-14	0	3	52	49
0	8	2	79	82	-15	13	2	30	-27	-12	0	3	23	-26
4	8	2	21	21	-11	13	2	17	-20	-10	0	3	118	-115
6	8	2	120	-120	-9	13	2	24	-22	-6	0	3	51	-44
8	8	2	38	-35	-7	13	2	44	46	-4	0	3	96	91
10	8	2	46	-45	-5	13	2	25	18	0	0	3	119	112
-9	9	2	32	-34	-3	13	2	25	22	0	0	3	133	-132
-7	9	2	56	-59	1	13	2	83	-86	4	0	3	84	-81
-3	9	2	29	-31	7	13	2	20	-10	6	0	3	60	-58
-1	9	2	57	-59	9	13	2	47	13	8	0	3	73	-75
9	9	2	21	-22	-14	14	2	47	-43	0	0	3	85	85
9	9	2	23	-17	-10	14	2	63	-62	10	0	3	98	96
9	9	2	25	-21	-8	14	2	16	-14	-19	1	3	76	-80
9	9	2	27	-25	-6	14	2	21	-13	-17	1	3	47	-50
13	9	2	14	13	-4	14	2	47	-44	-15	1	3	71	-87
-16	10	2	15	11	-2	14	2	55	-58	-11	1	3	88	65
-12	10	2	67	-66	4	14	2	94	-99	-9	1	3	24	-18
-10	10	2	23	-23	6	14	2	31	-29	-7	1	3	58	-58
-6	10	2	81	82	8	14	2	42	-42	-5	1	3	22	-16
-4	10	2	85	91	13	14	2	27	46	-3	1	3	21	-17
-2	10	2	13	-10	-9	15	2	49	14	1	1	3	88	91
2	10	2	25	-24	-7	15	2	14	-31	1	1	3	93	7
4	10	2	77	-84	-3	15	2	14	-15	5	1	3	13	-5
6	10	2	37	39	5	15	2	25	24	11	1	3	20	39
8	10	2	46	43	9	15	2	26	-34	-20	1	3	16	-13
12	10	2	63	62	15	15	2	36	-30	-18	1	3	92	92
-11	11	2	25	20	-8	16	2	29	30	-16	1	3	43	-43
-9	11	2	58	57	-6	16	2	54	-51	-12	1	3	13	-4
-7	11	2	24	20	-4	16	2	15	12	-6	1	3	46	42
-5	11	2	63	-66	0	16	2	18	-14	-4	1	3	46	-97
-3	11	2	29	-32	2	16	2	66	63	0	2	3	101	-3
-1	11	2	17	17	3	16	2	30	-26	-4	2	3	58	-58
1	11	2	97	-97	5	16	2	41	42	7	2	3	57	57
3	11	2	16	16	6	16	2	28	-25	9	2	3	33	-32
5	11	2	30	-30	10	16	2	32	31	13	2	3	44	42
7	11	2	18	18	17	17	2	21	-22	16	2	3	16	10
9	11	2	12	-19	18	17	2	41	31	18	2	3	80	-81
-14	12	2	39	39	18	18	2	21	15	10	2	3	48	-52
-12	12	2	62	-62	18	18	2	17	-50	-19	2	3	30	-31
-10	12	2	82	-81	18	18	2	53	-24	-17	2	3	28	27
-8	12	2	102	-100	18	18	2	26	-14	-15	2	3	57	-58
-6	12	2	120	-120	19	19	2	17	15	10	2	3	95	95

Table 3e (dehyd 4, B phase)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 08/28/90 SUPERDEHY

										PAGE 4				
H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
-4	10	3	77	82	-4	16	3	45	39	-17	3	4	61	-61
-2	10	3	43	-37	0	16	3	34	37	-15	3	4	16	16
0	10	3	40	45	4	16	3	40	-35	-13	3	4	151	-154
2	10	3	100	108	-9	17	3	56	-53	-11	3	4	74	78
4	10	3	37	33	-7	17	3	36	-33	-9	3	4	11	-8
10	10	3	27	-24	3	17	3	16	-12	-7	3	4	74	-77
-9	11	3	14	21	-2	18	3	58	55	-5	3	4	14	1
-7	11	3	27	11	3	18	3	35	-32	-3	3	4	86	-78
-5	11	3	150	155	0	18	3	29	28	-1	3	4	88	-87
-3	11	3	28	-27	-18	0	3	27	-32	1	3	4	35	38
-1	11	3	42	40	-14	0	4	27	28	-3	3	4	55	-54
-1	11	3	13	16	-12	0	4	237	-358	5	3	4	17	-10
1	11	3	19	14	-10	0	4	43	-45	3	3	4	54	-54
3	11	3	76	76	-8	0	4	143	145	9	3	4	32	-31
7	11	3	26	-24	-6	0	4	102	-8	-16	4	4	20	-23
9	11	3	23	22	-4	0	4	177	-99	-14	4	4	55	-57
-14	12	3	27	-27	-2	0	4	165	161	-12	4	4	34	-37
-10	12	3	35	25	0	0	4	169	9	-10	4	4	66	67
-8	12	3	54	52	2	0	4	162	-24	-8	4	4	12	14
-4	12	3	18	-17	6	0	4	23	52	-4	4	4	30	-31
-2	12	3	80	83	10	0	4	51	-23	-2	4	4	37	-40
0	12	3	66	-68	8	0	4	66	52	0	4	4	85	-68
2	12	3	51	-56	10	0	4	24	-33	4	4	4	66	87
4	12	3	45	42	-15	0	4	30	104	8	4	4	39	35
6	12	3	36	-36	-13	0	4	103	104	-15	4	4	69	74
8	12	3	50	51	-9	0	4	71	-113	-11	4	4	25	-27
8	12	3	43	-39	-7	0	4	62	69	10	4	4	57	57
-15	13	3	13	13	-5	0	4	82	-78	-11	4	4	43	44
-11	13	3	13	15	-3	0	4	112	107	-7	4	4	57	57
-7	13	3	59	-60	-1	0	4	22	20	-5	4	4	75	-29
-5	13	3	80	82	-1	0	4	49	-48	-3	4	4	33	33
-3	13	3	15	-12	1	0	4	63	65	-1	4	4	25	23
3	13	3	19	19	3	0	4	26	-10	3	4	4	28	-30
5	13	3	43	-41	5	0	4	12	33	5	4	4	87	84
7	13	3	27	-25	7	0	4	57	57	9	4	4	17	-20
-14	14	3	45	44	-16	0	4	67	-68	-16	4	4	87	-26
-12	14	3	34	-36	-10	0	4	16	19	-12	4	4	17	84
-4	14	3	31	-29	-8	0	4	144	-142	-10	4	4	15	-18
4	14	3	35	-34	-6	0	4	119	120	-14	4	4	72	18
8	14	3	31	31	-10	0	4	66	65	-6	4	4	85	-33
-11	15	3	70	-24	-2	0	4	20	-10	-2	4	4	34	87
-3	15	3	23	21	0	0	4	18	9	10	4	4	85	-33
-1	15	3	25	-24	-2	0	4	43	-46	10	4	4	85	-33
1	15	3	22	20	2	0	4	123	-123	2	4	4	57	96
5	15	3	36	-35	4	0	4	43	-46	4	4	4	36	-43
-10	16	3	22	20	-6	0	4	112	116	6	4	4	85	-33
-8	16	3	36	-35	-8	0	4	87	91	10	4	4	57	96
-6	16	3	43	42	10	0	4	26	-29	13	4	4	28	-41

Table 3e (dehyd 4, B phase)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 08/28/90 SUPERDEHY												PAGE 5							
H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
8	0	5	67	65	8	4	5	26	-25	-15	9	5	17	-20	-7	15	5	21	-19
-19	1	5	17	19	-19	5	43	44	-13	9	5	17	-18	-3	15	5	22	23	3
-17	1	5	17	16	-17	5	22	-27	-7	9	5	62	-65	-1	15	5	20	21	5
-13	1	5	17	17	-15	5	32	26	-5	9	5	71	76	-6	16	5	18	16	-16
-11	1	5	63	68	-13	5	17	22	-3	9	5	81	-82	-4	16	5	43	37	-10
-9	1	5	29	-25	-9	5	50	47	5	9	5	16	-16	-8	0	6	26	25	-8
-7	1	5	43	40	-7	5	70	72	7	9	5	34	33	-16	0	6	48	-46	4
-3	1	5	18	8	-5	5	30	-32	-14	10	5	18	-15	-14	0	6	33	37	-4
-1	1	5	19	8	-3	5	86	89	-12	10	5	14	11	-12	0	6	16	15	-4
-1	1	5	62	66	-1	5	55	-61	-10	10	5	100	103	-10	0	6	90	89	0
-18	1	5	32	66	3	5	43	43	-8	10	5	29	28	-8	0	6	78	73	4
-16	2	5	55	-34	5	5	35	38	-6	10	5	24	25	-6	0	6	67	65	4
-14	2	5	13	-53	5	5	31	28	-4	10	5	23	-24	-4	0	6	18	-10	6
-12	2	5	17	-19	5	5	15	-17	-2	10	5	20	-23	-2	0	6	47	46	6
-10	2	5	84	86	-14	6	28	27	0	10	5	16	-14	0	0	6	36	-34	6
-8	2	5	18	12	-14	6	57	-54	2	10	5	23	25	2	0	6	91	98	-15
-6	2	5	14	10	-12	6	99	105	4	10	5	22	27	4	0	6	25	-27	6
-4	2	5	112	-106	-10	6	28	27	6	10	5	26	27	6	0	6	68	66	-7
-2	2	5	38	-33	-8	6	57	59	-15	11	5	49	-49	-19	1	6	27	28	-5
0	2	5	59	-58	-6	6	30	31	-13	11	5	31	-31	-17	1	6	39	-43	5
2	2	5	41	-36	-6	6	49	-47	-9	11	5	60	64	-15	1	6	31	-43	5
2	2	5	35	30	-2	6	19	18	-11	11	5	42	-43	-11	1	6	25	-22	5
2	2	5	24	-23	0	6	22	-26	-7	11	5	70	72	-7	1	6	56	45	5
4	2	5	28	-30	2	6	56	57	-5	11	5	68	68	-5	1	6	82	-82	5
8	2	5	21	-19	4	6	30	34	1	11	5	57	57	-3	1	6	25	-29	6
11	3	5	60	-58	6	6	27	-27	5	11	5	51	-60	1	6	6	43	43	6
17	3	5	28	-58	17	7	67	68	-14	12	5	36	39	3	6	6	19	-17	6
19	3	5	60	-28	-11	7	57	-57	-14	12	5	52	-26	5	6	6	72	-72	6
22	3	5	28	-30	-9	7	17	12	-10	12	5	34	34	-14	2	6	33	-29	6
22	3	5	24	-23	-7	7	37	36	-8	12	5	38	-37	-10	2	6	45	46	6
22	3	5	41	-36	-5	7	61	63	-6	12	5	34	34	-8	2	6	64	-68	6
22	3	5	95	-89	-3	7	102	-106	-4	12	5	33	30	-6	2	6	27	-20	6
22	3	5	18	11	-1	7	61	63	-2	12	5	67	63	-2	2	6	27	-37	6
22	3	5	23	-48	-1	7	14	15	0	12	5	13	13	0	2	6	34	-37	6
22	3	5	20	-17	1	7	22	-25	4	12	5	17	16	2	2	6	34	-37	6
22	3	5	49	-48	3	7	38	37	0	12	5	13	13	0	2	6	55	56	6
22	3	5	15	12	7	7	36	-40	-13	13	5	14	11	4	6	6	36	-40	6
22	3	5	44	41	18	8	39	34	-11	13	5	34	33	6	6	6	22	-27	6
22	3	5	51	-54	-16	8	17	14	-9	13	5	17	16	6	6	6	36	-34	6
22	3	5	57	-52	-14	8	23	24	-5	13	5	39	-38	-17	3	6	53	-51	6
22	3	5	22	-22	-12	8	33	-31	-3	13	5	31	-30	-15	3	6	30	31	6
22	3	5	115	-114	-10	8	85	-83	-1	13	5	17	-19	-15	3	6	75	-77	6
22	3	5	13	16	-8	8	54	-57	1	13	5	21	-24	-13	3	6	43	-42	6
22	3	5	70	69	-6	8	38	-40	3	13	5	25	24	-11	3	6	12	-10	6
22	3	5	44	48	-2	8	90	96	-10	14	5	26	24	-9	3	6	23	-23	6
22	3	5	103	-111	0	8	29	-29	-4	14	5	35	-35	-7	3	6	75	-72	6
22	3	5	29	-36	4	8	52	-56	-2	14	5	19	-18	-5	3	6	55	-55	6
22	3	5	39	-39	6	8	31	-34	0	14	5	29	-29	-3	3	6	102	-104	6

Table 3e (dehyd 4, B phase)

OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MW 08/28/90 SUPERDEHY															PAGE 6				
H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
-8	10	6	78	-82	-2	0	7	85	82	-12	4	7	42	36	-10	8	7	27	-28
-6	10	6	50	50	0	0	7	41	39	-10	4	7	14	11	-8	8	7	35	-37
-4	10	6	14	11	-17	1	7	18	23	-8	4	7	32	-40	-6	8	7	54	-54
0	10	6	62	64	-13	1	7	28	21	-4	4	7	12	-6	8	7	18	18	-18
-13	10	6	18	-22	-11	1	7	16	10	-2	4	7	18	-21	-13	8	7	29	-25
-11	11	6	27	-28	-9	1	7	20	19	0	4	7	51	54	-11	9	7	31	-32
-9	11	6	24	23	-7	1	7	26	21	-17	4	7	14	-13	-9	9	7	28	-22
-7	11	6	33	32	-5	1	7	45	40	-13	5	7	22	31	-7	9	7	53	-53
-5	11	6	45	45	-1	1	7	25	25	-11	5	7	57	-26	-1	9	7	23	-22
-3	11	6	18	-19	-16	2	7	17	-34	-5	5	7	38	58	-8	10	7	14	14
-1	11	6	22	-23	-14	2	7	36	-75	-9	5	7	22	37	-12	10	7	40	-27
-1	11	6	12	-12	-10	2	7	36	-34	-1	5	7	16	15	-6	10	7	31	37
-12	12	6	16	-17	-8	2	7	60	55	-1	5	7	22	-21	-4	10	7	40	41
-10	12	6	40	42	-6	2	7	12	-6	-16	5	7	22	15	-8	10	7	16	-17
-6	12	6	49	51	-4	2	7	26	-29	-12	6	7	23	-24	-11	11	7	20	17
-2	12	6	25	-31	-2	2	7	18	-14	-10	6	7	28	-29	-4	11	7	15	-17
0	12	6	21	-22	0	2	7	41	-39	-6	6	7	45	45	-5	11	7	69	64
-11	13	6	59	-56	2	2	7	30	-34	-4	6	7	52	52	-14	8	8	20	-23
-9	13	6	25	-56	-13	2	7	30	-34	0	6	7	12	7	-10	8	8	38	43
-7	13	6	28	-30	-9	3	7	23	-19	0	6	7	29	-29	-8	8	8	32	27
-5	13	6	18	-19	-7	3	7	72	70	-15	7	7	28	34	-6	8	8	24	21
-3	13	6	32	33	-5	3	7	28	26	-13	7	7	35	24	-2	8	8	49	61
-6	14	6	48	-48	-5	3	7	24	-21	-11	7	7	27	24	-15	8	8	38	-42
-14	0	0	126	135	-3	3	7	14	-9	-11	7	7	42	-42	-11	8	8	36	37
-12	0	0	27	-21	-1	3	7	20	-23	-7	7	7	35	29	-13	8	8	24	21
-10	0	0	24	-24	3	3	7	42	-46	-5	7	7	17	-18	-9	8	8	40	-38
-6	0	0	49	-47	-3	3	7	21	-23	-3	7	7	42	-47	-11	8	8	52	-48
-4	0	0	36	35	-14	4	7	25	-21	-12	8	7	36	36	-7	8	8	28	-30

Table 5. Anisotropic displacement parameters at 100 K

sample	atom	U_{11}	U_{22}	U_{33}	U_{12}	U_{13}	U_{23}
natural	T1	0.0073(4)	0.0160(5)	0.0082(4)	-0.0003(4)	0.0045(3)	0.0013(4)
dehyd1		0.0066(2)	0.0147(3)	0.0078(2)	-0.0006(2)	0.0042(2)	0.0011(2)
dehyd2		0.0083(2)	0.0191(2)	0.0103(2)	-0.0016(2)	0.0044(2)	0.0011(2)
dehyd3		0.0094(5)	0.0231(5)	0.0131(5)	-0.0022(4)	0.0051(4)	0.0009(4)
dehyd4		0.0149(9)	0.029(1)	0.0193(9)	-0.0021(8)	0.0088(8)	-0.0011(8)
natural	T2	0.0100(4)	0.0126(5)	0.0097(4)	0.0006(4)	0.0050(4)	0.0002(4)
dehyd1		0.0097(3)	0.0106(3)	0.0095(3)	0.0006(2)	0.0050(2)	0.0001(2)
dehyd2		0.0150(2)	0.0114(2)	0.0133(2)	-0.0004(2)	0.0072(2)	-0.0008(2)
dehyd3		0.0189(5)	0.0138(5)	0.0167(5)	-0.0009(4)	0.0090(4)	-0.0010(4)
dehyd4		0.0175(9)	0.021(1)	0.022(1)	0.0004(8)	0.0102(8)	-0.0004(8)
natural	T3	0.0098(4)	0.0145(5)	0.0082(4)	0.0005(4)	0.0057(3)	0.0004(4)
dehyd1		0.0090(3)	0.0132(3)	0.0076(2)	0.0004(2)	0.0050(2)	0.0004(2)
dehyd2		0.0119(2)	0.0169(2)	0.0097(2)	0.0002(2)	0.0057(2)	0.0006(2)
dehyd3		0.0150(5)	0.0213(5)	0.0124(5)	0.0000(4)	0.0073(4)	0.0008(4)
dehyd4		0.020(1)	0.027(1)	0.0220(9)	0.0005(8)	0.0118(8)	0.0000(8)
natural	T4	0.0089(4)	0.0160(5)	0.0086(4)	-0.0007(4)	0.0045(3)	-0.0003(4)
dehyd1		0.0081(2)	0.0143(3)	0.0079(3)	-0.0008(2)	0.0039(2)	0.0000(2)
dehyd2		0.0112(2)	0.0176(2)	0.0098(2)	-0.0018(2)	0.0046(2)	-0.0005(2)
dehyd3		0.0146(5)	0.0220(5)	0.0130(5)	-0.0025(4)	0.0063(4)	-0.0014(4)

dehyd4		0.0156(9)	0.025(1)	0.0203(9)	-0.0026(8)	0.0107(7)	-0.0023(8)
natural	T5	0.0076(6)	0.0168(7)	0.0093(6)	0.00000	0.0037(5)	0.00000
dehyd1		0.0070(3)	0.0152(4)	0.0087(4)	0.00000	0.0037(3)	0.00000
dehyd2		0.0095(3)	0.0164(3)	0.0102(3)	0.00000	0.0031(2)	0.00000
dehyd3		0.0113(7)	0.0190(7)	0.0125(7)	0.00000	0.0030(5)	0.00000
dehyd4		0.015(1)	0.029(2)	0.014(1)	0.00000	0.004(1)	0.00000
natural	O1	0.033(2)	0.019(2)	0.021(2)	0.00000	0.008(2)	0.00000
dehyd1		0.032(2)	0.014(1)	0.023(1)	0.00000	0.008(1)	0.00000
dehyd2		0.051(2)	0.016(1)	0.030(1)	0.00000	0.006(1)	0.00000
dehyd3		0.061(3)	0.021(2)	0.038(3)	0.00000	0.005(2)	0.00000
dehyd4		0.022(4)	0.033(4)	0.031(4)	0.00000	0.011(3)	0.00000
natural	O2	0.024(1)	0.031(2)	0.024(1)	-0.002(1)	0.017(1)	-0.007(1)
dehyd1		0.0235(9)	0.030(1)	0.0226(9)	-0.0019(8)	0.0159(8)	-0.0064(8)
dehyd2		0.036(1)	0.045(1)	0.038(1)	-0.0059(8)	0.0269(9)	-0.0139(9)
dehyd3		0.047(2)	0.059(2)	0.050(2)	-0.009(2)	0.036(2)	-0.020(2)
dehyd4		0.026(3)	0.044(3)	0.032(3)	0.003(2)	0.015(2)	0.000(2)
natural	O3	0.034(2)	0.030(2)	0.021(1)	-0.006(1)	0.021(1)	-0.003(1)
dehyd1		0.032(1)	0.029(1)	0.0199(9)	-0.0075(8)	0.0195(8)	-0.0032(7)
dehyd2		0.0342(9)	0.038(1)	0.0213(7)	-0.0150(7)	0.0183(7)	-0.0074(7)
dehyd3		0.034(2)	0.044(2)	0.022(2)	-0.015(1)	0.017(1)	-0.008(1)
dehyd4		0.040(3)	0.043(3)	0.032(3)	-0.010(3)	0.027(2)	-0.009(2)
natural	O4	0.021(1)	0.027(1)	0.018(1)	0.007(1)	0.007(1)	0.002(1)

dehyd1		0.0210(9)	0.0250(9)	0.0170(8)	0.0059(7)	0.0071(7)	0.0023(7)
dehyd2		0.0199(7)	0.0284(8)	0.0212(7)	0.0045(6)	0.0059(6)	0.0028(6)
dehyd3		0.021(1)	0.034(2)	0.025(2)	0.004(1)	0.006(1)	0.003(1)
dehyd4		0.029(3)	0.037(3)	0.030(3)	0.000(2)	0.011(2)	0.004(2)
natural	O5	0.028(2)	0.033(2)	0.030(2)	0.00000	0.023(2)	0.00000
dehyd1		0.028(1)	0.032(2)	0.027(1)	0.00000	0.021(1)	0.00000
dehyd2		0.050(2)	0.046(2)	0.044(2)	0.00000	0.040(2)	0.00000
dehyd3		0.070(4)	0.068(4)	0.066(4)	0.00000	0.061(3)	0.00000
dehyd4		0.068(6)	0.033(5)	0.115(8)	0.00000	0.077(6)	0.00000
natural	O6	0.011(1)	0.023(1)	0.021(1)	0.000(1)	0.007(1)	0.002(1)
dehyd1		0.0104(7)	0.0224(8)	0.0198(8)	-0.0002(6)	0.0070(6)	0.0015(7)
dehyd2		0.0122(6)	0.0239(7)	0.0259(7)	0.0006(5)	0.0092(5)	0.0035(6)
dehyd3		0.014(1)	0.026(2)	0.031(2)	0.000(1)	0.011(1)	0.003(1)
dehyd4		0.021(2)	0.036(3)	0.028(3)	-0.001(2)	0.010(2)	-0.005(2)
natural	O7	0.027(2)	0.033(2)	0.026(2)	0.010(1)	0.004(1)	0.008(1)
dehyd1		0.026(1)	0.031(1)	0.025(1)	0.0115(9)	0.0035(8)	0.0093(9)
dehyd2		0.033(1)	0.035(1)	0.033(1)	0.0077(8)	-0.0033(8)	0.0122(8)
dehyd3		0.040(2)	0.042(2)	0.041(2)	0.005(2)	-0.004(2)	0.016(2)
dehyd4		0.031(3)	0.054(4)	0.031(3)	0.011(3)	0.009(2)	0.002(3)
natural	O8	0.018(1)	0.033(2)	0.021(1)	-0.001(1)	0.007(1)	-0.011(1)
dehyd1		0.0184(8)	0.030(1)	0.0194(8)	-0.0015(7)	0.0068(7)	-0.0115(8)
dehyd2		0.0243(8)	0.0362(9)	0.0237(8)	-0.0024(7)	0.0063(7)	-0.0149(7)
dehyd3		0.030(2)	0.042(2)	0.030(2)	0.001(1)	0.006(1)	-0.017(1)

dehyd4		0.041(3)	0.053(4)	0.032(3)	-0.002(3)	0.011(3)	-0.012(3)
natural	O9	0.016(1)	0.022(1)	0.027(1)	-0.004(1)	0.012(1)	-0.006(1)
dehyd1		0.0141(8)	0.0202(8)	0.0242(9)	-0.0051(7)	0.0100(7)	-0.0065(7)
dehyd2		0.0160(6)	0.0221(7)	0.0228(7)	-0.0041(5)	0.0094(6)	-0.0023(5)
dehyd3		0.019(1)	0.027(2)	0.026(1)	-0.004(1)	0.013(1)	0.000(1)
dehyd4		0.027(3)	0.035(3)	0.032(3)	-0.004(2)	0.017(2)	-0.001(2)
natural	O10	0.021(1)	0.025(1)	0.025(1)	-0.006(1)	0.010(1)	-0.002(1)
dehyd1		0.0192(8)	0.0228(9)	0.0224(9)	-0.0068(7)	0.0084(7)	-0.0011(7)
dehyd2		0.0252(8)	0.0294(8)	0.0251(8)	-0.0097(6)	0.0070(6)	0.0019(6)
dehyd3		0.030(2)	0.039(2)	0.032(2)	-0.010(1)	0.008(1)	0.003(1)
dehyd4		0.033(3)	0.032(3)	0.042(3)	-0.004(2)	0.022(3)	0.000(2)
natural	Na1	0.096(3)	0.029(2)	0.039(2)	0.00000	0.026(2)	0.00000
dehyd1		0.049(5)	0.021(1)	0.032(2)	0.00000	0.009(2)	0.00000
dehyd2		0.064(4)	0.024(1)	0.113(4)	0.00000	0.041(3)	0.00000
dehyd3		0.053(4)	0.019(2)	0.083(4)	0.00000	0.035(3)	0.00000
dehyd4		0.094(9)	0.027(5)	0.084(8)	0.00000	0.055(7)	0.00000
natural	Ca2	0.011(2)	0.029(2)	0.022(4)	0.00000	0.002(2)	0.00000
dehyd1		0.010(1)	0.025(1)	0.017(2)	0.00000	0.0029(9)	0.00000
dehyd2		0.0238(9)	0.030(1)	0.030(1)	0.00000	-0.0011(7)	0.00000
dehyd3		0.032(3)	0.040(3)	0.029(3)	0.00000	-0.003(2)	0.00000
dehyd4		0.037(4)	0.059(5)	0.155(8)	0.00000	0.070(5)	0.00000
dehyd4	K3'	0.043(8)	0.019(6)	0.10(1)	0.00000	0.043(8)	0.00000

natural	O11	0.066(5)	0.030(3)	0.062(5)	0.00000	0.045(4)	0.00000
dehyd1		0.058(3)	0.027(2)	0.053(3)	0.00000	0.037(2)	0.00000
dehyd2		0.136(5)	0.019(2)	0.158(6)	0.00000	0.127(5)	0.00000
dehyd3		0.20(3)	0.030(5)	0.17(2)	0.00000	0.15(2)	0.00000
natural	O12	0.08(1)	0.06(1)	0.25(3)	0.00000	0.02(1)	0.00000
dehyd1		0.08(1)	0.065(9)	0.28(3)	0.00000	0.01(1)	0.00000
dehyd2		0.052(6)	0.025(4)	0.12(1)	0.00000	0.015(6)	0.00000
dehyd3		0.053(8)	0.037(7)	0.10(1)	0.00000	0.011(7)	0.00000
natural	O13	0.051(2)	0.065(3)	0.054(2)	0.005(2)	0.008(2)	-0.010(2)
dehyd1		0.047(2)	0.066(2)	0.051(2)	0.002(2)	0.010(1)	-0.010(2)
dehyd2		0.091(5)	0.061(4)	0.076(4)	0.00000	-0.033(3)	0.00000
dehyd3		0.28(2)	0.10(1)	0.14(1)	0.00000	-0.12(1)	0.00000
natural	O14	0.050(5)	0.029(4)	0.127(9)	0.00000	0.024(5)	0.00000
dehyd1		0.045(3)	0.030(3)	0.125(7)	0.00000	0.023(4)	0.00000
dehyd2		0.106(6)	0.073(5)	0.129(7)	0.00000	0.063(6)	0.00000
dehyd3		0.13(1)	0.14(1)	0.19(2)	0.00000	0.07(1)	0.00000
natural	O15	0.059(9)	0.072(8)	0.15(1)	0.00000	0.02(1)	0.00000
dehyd1		0.055(7)	0.062(7)	0.14(1)	0.00000	0.024(9)	0.00000
natural	O16	0.072(7)	0.083(9)	0.085(8)	0.00000	0.045(6)	0.00000
dehyd1		0.060(5)	0.074(6)	0.075(6)	0.00000	0.038(4)	0.00000
dehyd2		0.05(1)	0.06(1)	0.08(1)	0.00000	0.031(9)	0.00000
dehyd3		0.02(2)	0.08(4)	0.10(4)	0.00000	0.01(2)	0.00000

natural	O17	0.06(2)	0.04(2)	0.07(2)	0.00000	0.03(1)	0.00000
dehyd1		0.030(8)	0.036(9)	0.07(1)	0.00000	0.026(8)	0.00000

Note: Displacement parameters are of the form $\exp[-2\pi^2(U_{11}h^2a^{*2} + U_{22}k^2b^{*2} + U_{33}l^2c^{*2} + 2U_{12}hka^{*b^{*}} + 2U_{13}hla^{*c^{*}} + 2U_{23}klb^{*c^{*}})]$