

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 | 6 | 17 | 16 | -16 | 8 | 8 | 29 | -31 | -16 | 10 | 9 | 14 | 12 | -14 | 0 | 10 | 18 | 20 | -8 | 2 | 10 | 31 | 32 |
| -4 | 6 | 9 | 12 | 11 | -14 | 8 | 9 | 49 | 49 | -12 | 10 | 9 | 75 | 75 | -12 | 0 | 10 | 42 | -45 | -6 | 2 | 10 | 36 | -36 |
| -2 | 6 | 9 | 60 | -60 | -12 | 8 | 9 | 52 | -52 | -8 | 10 | 9 | 32 | 29 | -10 | 0 | 10 | 68 | 66 | -13 | 3 | 10 | 47 | -45 |
| 0 | 6 | 9 | 29 | 28 | -10 | 8 | 9 | 31 | -31 | -6 | 10 | 9 | 12 | 12 | -8 | 0 | 10 | 71 | -71 | -11 | 3 | 10 | 69 | -68 |
| -17 | 7 | 9 | 29 | -28 | -8 | 8 | 9 | 17 | -17 | -4 | 10 | 9 | 57 | -57 | -6 | 0 | 10 | 46 | 47 | -12 | 4 | 10 | 33 | 33 |
| -15 | 7 | 9 | 27 | -26 | -4 | 8 | 9 | 20 | 18 | -13 | 11 | 9 | 18 | -18 | -13 | 1 | 10 | 24 | -25 | -10 | 4 | 10 | 42 | -40 |
| -13 | 7 | 9 | 35 | -36 | -17 | 9 | 9 | 18 | -18 | -9 | 11 | 9 | 20 | -19 | -11 | 1 | 10 | 55 | 54 | -8 | 4 | 10 | 10 | 12 |
| -11 | 7 | 9 | 7 | 30 | -15 | 9 | 9 | 18 | 18 | -7 | 11 | 9 | 25 | -24 | -9 | 1 | 10 | 16 | -16 | -6 | 4 | 10 | 15 | -15 |
| -7 | 7 | 9 | 29 | -8 | -13 | 9 | 9 | 41 | 42 | -5 | 11 | 9 | 21 | 21 | -7 | 1 | 10 | 15 | 15 | -13 | 5 | 10 | 31 | -31 |
| -5 | 7 | 9 | 29 | -26 | -11 | 9 | 9 | 36 | -34 | -12 | 12 | 9 | 22 | -22 | -5 | 1 | 10 | 17 | 15 | -11 | 5 | 10 | 67 | 65 |
| -3 | 7 | 9 | 46 | -44 | -9 | 9 | 9 | 23 | 23 | -10 | 12 | 9 | 24 | -27 | -16 | 2 | 10 | 64 | -62 | -9 | 5 | 10 | 50 | 48 |
| -1 | 7 | 9 | 39 | -40 | -7 | 9 | 9 | 23 | 23 | -8 | 12 | 9 | 29 | -30 | -12 | 2 | 10 | 15 | -16 | -12 | 6 | 10 | 12 | 11 |
| -18 | 8 | 9 | 33 | 34 | -3 | 9 | 9 | 25 | 28 | -16 | 0 | 10 | 45 | 47 | -10 | 2 | 10 | 16 | -16 | -8 | 6 | 10 | 45 | -42 |

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 | F0 | FC | H | K | L | F0 | FC | H | K | L | F0 | FC | H | K | L | F0 | 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 | 1 | 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 | 13 | 13 | 0 | 9 | -5 | 9 | 19 | 0 | 43 | 44 |
| 14 | 0 | 0 | 81 | 82 | 5 | 5 | 0 | 65 | 71 | 7 | 9 | 0 | 110 | 109 | 15 | 13 | 0 | 11 | -11 | 15 | 19 | 0 | 22 | 21 |
| 16 | 0 | 0 | 72 | 73 | 7 | 5 | 0 | 20 | -19 | 9 | 9 | 0 | 61 | 61 | 17 | 13 | 0 | 9 | -44 | 11 | 19 | 0 | 57 | 56 |
| 18 | 0 | 0 | 26 | 24 | 9 | 5 | 0 | 103 | 103 | 11 | 9 | 0 | 52 | -54 | 19 | 13 | 0 | 11 | -43 | 15 | 19 | 0 | 12 | 12 |
| 24 | 0 | 0 | 31 | 30 | 11 | 5 | 0 | 63 | 62 | 13 | 9 | 0 | 46 | 47 | 21 | 13 | 0 | 17 | 11 | 17 | 19 | 0 | 18 | 18 |
| 1 | 1 | 1 | 53 | -51 | 13 | 5 | 0 | 43 | -46 | 15 | 9 | 0 | 29 | -9 | 2 | 14 | 0 | 4 | 99 | 4 | 20 | 0 | 9 | 9 |
| 3 | 1 | 1 | 80 | -85 | 15 | 5 | 0 | 35 | -35 | 9 | 9 | 0 | 153 | 162 | 4 | 14 | 0 | 6 | -35 | 6 | 20 | 0 | 12 | 12 |
| 5 | 1 | 1 | 11 | 9 | 17 | 5 | 0 | 55 | -55 | 10 | 10 | 0 | 31 | -32 | 8 | 14 | 0 | 8 | -9 | 8 | 20 | 0 | 20 | 20 |
| 7 | 1 | 1 | 37 | 13 | 19 | 5 | 0 | 51 | 53 | 12 | 10 | 0 | 41 | -24 | 10 | 14 | 0 | 10 | -23 | 10 | 20 | 0 | 29 | 29 |
| 9 | 1 | 1 | 46 | -34 | 23 | 5 | 0 | 16 | -15 | 14 | 10 | 0 | 23 | -24 | 12 | 14 | 0 | 12 | -14 | 12 | 20 | 0 | 11 | 11 |
| 11 | 1 | 1 | 34 | 34 | 25 | 6 | 0 | 54 | 56 | 16 | 10 | 0 | 71 | 73 | 14 | 14 | 0 | 14 | -14 | 14 | 20 | 0 | 9 | 9 |
| 13 | 1 | 1 | 32 | -33 | 2 | 6 | 0 | 11 | -53 | 8 | 10 | 0 | 41 | -43 | 16 | 14 | 0 | 16 | 28 | 16 | 20 | 0 | 11 | 11 |
| 15 | 1 | 1 | 39 | 38 | 4 | 6 | 0 | 67 | 70 | 18 | 10 | 0 | 8 | 10 | 1 | 15 | 0 | 1 | -40 | 1 | 21 | 0 | 7 | 7 |
| 17 | 1 | 1 | 21 | 22 | 6 | 6 | 0 | 151 | -127 | 20 | 10 | 0 | 27 | 27 | 3 | 15 | 0 | 3 | 25 | 3 | 21 | 0 | 15 | 15 |
| 23 | 1 | 1 | 6 | -6 | 8 | 6 | 0 | 15 | 13 | 22 | 10 | 0 | 33 | 34 | 5 | 15 | 0 | 5 | -25 | 5 | 21 | 0 | 51 | 51 |
| 25 | 1 | 1 | 217 | -234 | 10 | 6 | 0 | 15 | 13 | 20 | 10 | 0 | 41 | -41 | 9 | 15 | 0 | 9 | 68 | 9 | 21 | 0 | 29 | 29 |
| 2 | 2 | 2 | 73 | -71 | 12 | 6 | 0 | 61 | 62 | 18 | 11 | 0 | 19 | -21 | 13 | 15 | 0 | 13 | 92 | 13 | 22 | 0 | 14 | 14 |
| 4 | 2 | 2 | 25 | -27 | 14 | 6 | 0 | 72 | -74 | 16 | 11 | 0 | 21 | -20 | 15 | 15 | 0 | 15 | 52 | 15 | 22 | 0 | 13 | 13 |
| 6 | 2 | 2 | 10 | -18 | 16 | 6 | 0 | 19 | 19 | 18 | 11 | 0 | 11 | -9 | 17 | 15 | 0 | 17 | 30 | 17 | 22 | 0 | 12 | 12 |
| 8 | 2 | 2 | 58 | -59 | 18 | 6 | 0 | 49 | -49 | 20 | 11 | 0 | 12 | -7 | 19 | 15 | 0 | 19 | -54 | 19 | 22 | 0 | 11 | 11 |
| 10 | 2 | 2 | 19 | -19 | 20 | 6 | 0 | 39 | 39 | 22 | 11 | 0 | 20 | 20 | 2 | 16 | 0 | 2 | 19 | 2 | 22 | 0 | 50 | 50 |
| 12 | 2 | 2 | 158 | -158 | 22 | 6 | 0 | 16 | -16 | 24 | 11 | 0 | 11 | -11 | 4 | 16 | 0 | 4 | 24 | 4 | 22 | 0 | 13 | 13 |
| 14 | 2 | 2 | 89 | -92 | 24 | 6 | 0 | 71 | 69 | 1 | 11 | 0 | 6 | 6 | 6 | 16 | 0 | 6 | -23 | 6 | 22 | 0 | 30 | 30 |
| 16 | 2 | 2 | 57 | -59 | 1 | 7 | 0 | 62 | -65 | 13 | 11 | 0 | 21 | -21 | 8 | 16 | 0 | 8 | 10 | 8 | 22 | 0 | 51 | 51 |
| 18 | 2 | 2 | 48 | -49 | 3 | 7 | 0 | 12 | -147 | 15 | 11 | 0 | 27 | 26 | 8 | 16 | 0 | 8 | -8 | 10 | 22 | 0 | 31 | 31 |
| 1 | 3 | 3 | 64 | -65 | 7 | 7 | 0 | 147 | -147 | 17 | 11 | 0 | 8 | 8 | 10 | 16 | 0 | 10 | 34 | 10 | 23 | 0 | 12 | 12 |
| 3 | 3 | 3 | 188 | -183 | 9 | 7 | 0 | 108 | -111 | 19 | 11 | 0 | 7 | -11 | 12 | 16 | 0 | 12 | 9 | 12 | 23 | 0 | 23 | 23 |
| 5 | 3 | 3 | 232 | -227 | 11 | 7 | 0 | 40 | 44 | 23 | 11 | 0 | 110 | 114 | 16 | 16 | 0 | 16 | -27 | 16 | 23 | 0 | 34 | 34 |
| 7 | 3 | 3 | 56 | -52 | 13 | 7 | 0 | 13 | 14 | 2 | 12 | 0 | 117 | 117 | 20 | 16 | 0 | 20 | 6 | 20 | 23 | 0 | 30 | 30 |
| 9 | 3 | 3 | 29 | -30 | 15 | 7 | 0 | 31 | 31 | 4 | 12 | 0 | 117 | 117 | 1 | 17 | 0 | 1 | 10 | 1 | 23 | 0 | 18 | 18 |
| 11 | 3 | 3 | 56 | -56 | 17 | 7 | 0 | 14 | 15 | 6 | 12 | 0 | 97 | 99 | 3 | 17 | 0 | 3 | -81 | 3 | 24 | 0 | 14 | 14 |
| 13 | 3 | 3 | 17 | 16 | 19 | 7 | 0 | 28 | -26 | 8 | 12 | 0 | 78 | 78 | 7 | 17 | 0 | 7 | 79 | 7 | 24 | 0 | 14 | 14 |
| 15 | 3 | 3 | 30 | 30 | 17 | 7 | 0 | 15 | 15 | 8 | 12 | 0 | 11 | 11 | 9 | 17 | 0 | 9 | -37 | 9 | 24 | 0 | 14 | 14 |
| 17 | 3 | 3 | 8 | 8 | 23 | 7 | 0 | 19 | -13 | 10 | 12 | 0 | 11 | 9 | 11 | 17 | 0 | 11 | -81 | 11 | 24 | 0 | 14 | 14 |
| 23 | 3 | 3 | 56 | -55 | 25 | 8 | 0 | 118 | -108 | 12 | 12 | 0 | 68 | -81 | 13 | 17 | 0 | 13 | 38 | 13 | 24 | 0 | 27 | 27 |
| 2 | 4 | 4 | 191 | -18 | 2 | 8 | 0 | 55 | -47 | 10 | 12 | 0 | 30 | -30 | 15 | 17 | 0 | 15 | 79 | 15 | 24 | 0 | 15 | 15 |
| 4 | 4 | 4 | 41 | 37 | 4 | 8 | 0 | 27 | -1 | 14 | 12 | 0 | 32 | -32 | 15 | 17 | 0 | 15 | -39 | 15 | 24 | 0 | 9 | 9 |
| 6 | 4 | 4 | 127 | 120 | 6 | 8 | 0 | 6 | -23 | 16 | 12 | 0 | 41 | -41 | 4 | 18 | 0 | 4 | -18 | 4 | 25 | 0 | 9 | 9 |
| 8 | 4 | 4 | 15 | 13 | 8 | 8 | 0 | 106 | -23 | 18 | 12 | 0 | 18 | -19 | 6 | 18 | 0 | 6 | 27 | 6 | 25 | 0 | 17 | 17 |
| 10 | 4 | 4 | 8 | -4 | 10 | 8 | 0 | 21 | 101 | 20 | 12 | 0 | 18 | 16 | 8 | 18 | 0 | 8 | 17 | 8 | 25 | 0 | 18 | 18 |
| 12 | 4 | 4 | 30 | -29 | 12 | 8 | 0 | 13 | -21 | 1 | 13 | 0 | 22 | 20 | 10 | 18 | 0 | 10 | -38 | 10 | 26 | 0 | 11 | 11 |

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 | 1 | 10 | 8 | -6 | 4 | 1 | 72 | 65 | -8 | 6 | 1 | 12 | -13 | -6 | 8 | 1 | 1 | 19 | 15 |
| 1 | 27 | 0 | 16 | -14 | -14 | 2 | 1 | 26 | 25 | -4 | 4 | 1 | 161 | 159 | -6 | 6 | 1 | 83 | -78 | -4 | 8 | 1 | 1 | 34 | 33 |
| 3 | 27 | 0 | 13 | -12 | -12 | 2 | 1 | 38 | -38 | -2 | 4 | 1 | 89 | -84 | -4 | 6 | 1 | 48 | 50 | -4 | 8 | 1 | 1 | 46 | 43 |
| 7 | 28 | 0 | 46 | -45 | -10 | 2 | 1 | 56 | -52 | 0 | 4 | 1 | 14 | 12 | -2 | 6 | 1 | 145 | -144 | 0 | 8 | 1 | 1 | 19 | -11 |
| 0 | 28 | 0 | 10 | -10 | -8 | 2 | 1 | 11 | -5 | 2 | 4 | 1 | 43 | -39 | 0 | 6 | 1 | 141 | 139 | 2 | 8 | 1 | 1 | 9 | 4 |
| 2 | 28 | 0 | 11 | 11 | -6 | 2 | 1 | 162 | -164 | -4 | 4 | 1 | 140 | 133 | 2 | 6 | 1 | 127 | -127 | 4 | 8 | 1 | 1 | 86 | 81 |
| 2 | 28 | 0 | 13 | 12 | -4 | 2 | 1 | 128 | -127 | 6 | 4 | 1 | 113 | -106 | 2 | 6 | 1 | 129 | -125 | 6 | 8 | 1 | 1 | 97 | 9 |
| -24 | 0 | 1 | 9 | 7 | 0 | 2 | 1 | 25 | 29 | 8 | 4 | 1 | 78 | 75 | 6 | 6 | 1 | 81 | -121 | 8 | 8 | 1 | 1 | 9 | 8 |
| -18 | 0 | 1 | 42 | 45 | 0 | 2 | 1 | 48 | -49 | 10 | 4 | 1 | 31 | 32 | 8 | 6 | 1 | 122 | -121 | 10 | 8 | 1 | 1 | 89 | -89 |
| -16 | 0 | 1 | 13 | -13 | 2 | 2 | 1 | 105 | 103 | 12 | 4 | 1 | 32 | -30 | 10 | 6 | 1 | 72 | 74 | 12 | 8 | 1 | 1 | 42 | -41 |
| -14 | 0 | 1 | 60 | -61 | 4 | 2 | 1 | 64 | -60 | 14 | 4 | 1 | 29 | 27 | 12 | 6 | 1 | 24 | -22 | 14 | 8 | 1 | 1 | 42 | 44 |
| -12 | 0 | 1 | 161 | 164 | 4 | 2 | 1 | 93 | -99 | 16 | 4 | 1 | 48 | -48 | 14 | 6 | 1 | 26 | -25 | 16 | 8 | 1 | 1 | 41 | -42 |
| -10 | 0 | 1 | 11 | 11 | 6 | 2 | 1 | 23 | 23 | 18 | 4 | 1 | 30 | 27 | 16 | 6 | 1 | 41 | 43 | 18 | 8 | 1 | 1 | 49 | 47 |
| -8 | 0 | 1 | 23 | 5 | 8 | 2 | 1 | 167 | -168 | 20 | 4 | 1 | 23 | 23 | 18 | 6 | 1 | 48 | -48 | 20 | 8 | 1 | 1 | 20 | -18 |
| -6 | 0 | 1 | 114 | 105 | 10 | 2 | 1 | 29 | -28 | 22 | 4 | 1 | 20 | -21 | 20 | 6 | 1 | 19 | 18 | 22 | 8 | 1 | 1 | 22 | 12 |
| -4 | 0 | 1 | 156 | 156 | 12 | 2 | 1 | 12 | 13 | 25 | 4 | 1 | 29 | -29 | 22 | 6 | 1 | 15 | 15 | 25 | 8 | 1 | 1 | 22 | 22 |
| -2 | 0 | 1 | 108 | 113 | 24 | 2 | 1 | 21 | -18 | 23 | 5 | 1 | 22 | 23 | 25 | 6 | 1 | 9 | 5 | 25 | 9 | 1 | 1 | 36 | 36 |
| 0 | 0 | 1 | 66 | -71 | -25 | 3 | 1 | 26 | 25 | -21 | 5 | 1 | 8 | -6 | -23 | 7 | 1 | 14 | 16 | -23 | 9 | 1 | 1 | 40 | 41 |
| 2 | 0 | 1 | 11 | -9 | -23 | 3 | 1 | 29 | -28 | -19 | 5 | 1 | 31 | -30 | -23 | 7 | 1 | 21 | 19 | -23 | 9 | 1 | 1 | 31 | -31 |
| 4 | 0 | 1 | 67 | -65 | -17 | 3 | 1 | 87 | -87 | -15 | 5 | 1 | 19 | 97 | -19 | 7 | 1 | 36 | -35 | -15 | 9 | 1 | 1 | 25 | -25 |
| 6 | 0 | 1 | 90 | 92 | -19 | 3 | 1 | 20 | 19 | -13 | 5 | 1 | 58 | -18 | -17 | 7 | 1 | 6 | 0 | -17 | 9 | 1 | 1 | 15 | -17 |
| 8 | 0 | 1 | 80 | 80 | -15 | 3 | 1 | 104 | -105 | -11 | 5 | 1 | 80 | -81 | -13 | 7 | 1 | 91 | -93 | -11 | 9 | 1 | 1 | 14 | -13 |
| 10 | 0 | 1 | 97 | 98 | -9 | 3 | 1 | 57 | -57 | -9 | 5 | 1 | 9 | -5 | -9 | 7 | 1 | 37 | 39 | -9 | 9 | 1 | 1 | 15 | -15 |
| 12 | 0 | 1 | 70 | 71 | -9 | 3 | 1 | 19 | 19 | -7 | 5 | 1 | 9 | -5 | -7 | 7 | 1 | 61 | -61 | -7 | 9 | 1 | 1 | 14 | -14 |
| 14 | 0 | 1 | 39 | 40 | -7 | 3 | 1 | 6 | 6 | -5 | 5 | 1 | 104 | -108 | -7 | 7 | 1 | 46 | 44 | -5 | 9 | 1 | 1 | 58 | -59 |
| 16 | 0 | 1 | 45 | 46 | -5 | 3 | 1 | 9 | 8 | -3 | 5 | 1 | 172 | 169 | -5 | 7 | 1 | 27 | -26 | -3 | 9 | 1 | 1 | 40 | -39 |
| 22 | 0 | 1 | 17 | 16 | -3 | 3 | 1 | 13 | 11 | -1 | 5 | 1 | 17 | 15 | -3 | 7 | 1 | 80 | -76 | -1 | 9 | 1 | 1 | 129 | 128 |
| 24 | 0 | 1 | 11 | 10 | -3 | 3 | 1 | 9 | 7 | -1 | 5 | 1 | 215 | 215 | -3 | 7 | 1 | 24 | -24 | 1 | 9 | 1 | 1 | 23 | -25 |
| 19 | 1 | 1 | 15 | 14 | -1 | 3 | 1 | 49 | 43 | 3 | 5 | 1 | 91 | 89 | -1 | 7 | 1 | 23 | 14 | 3 | 9 | 1 | 1 | 26 | 26 |
| 17 | 1 | 1 | 33 | 32 | 5 | 3 | 1 | 54 | -57 | 5 | 5 | 1 | 87 | 82 | 3 | 7 | 1 | 102 | -95 | 5 | 9 | 1 | 1 | 29 | -26 |
| 15 | 1 | 1 | 27 | 28 | 5 | 3 | 1 | 75 | 73 | 7 | 5 | 1 | 53 | 55 | 5 | 7 | 1 | 85 | -87 | 7 | 9 | 1 | 1 | 30 | 31 |
| 11 | 1 | 1 | 11 | 10 | 9 | 3 | 1 | 122 | -124 | 11 | 5 | 1 | 67 | 67 | 9 | 7 | 1 | 67 | 67 | 9 | 9 | 1 | 1 | 22 | 23 |
| 9 | 1 | 1 | 8 | 8 | 9 | 3 | 1 | 69 | 69 | 11 | 5 | 1 | 39 | 39 | 9 | 7 | 1 | 56 | 53 | 11 | 9 | 1 | 1 | 24 | 24 |
| 7 | 1 | 1 | 176 | 178 | 15 | 3 | 1 | 61 | -61 | 15 | 5 | 1 | 85 | 85 | 15 | 7 | 1 | 67 | -69 | 15 | 9 | 1 | 1 | 61 | 62 |
| 5 | 1 | 1 | 75 | -76 | 17 | 3 | 1 | 33 | -35 | 17 | 5 | 1 | 21 | -18 | 17 | 7 | 1 | 17 | -19 | 17 | 9 | 1 | 1 | 47 | -48 |
| 3 | 1 | 1 | 83 | 83 | 21 | 3 | 1 | 40 | -41 | 19 | 5 | 1 | 21 | 41 | 19 | 7 | 1 | 60 | -61 | 19 | 9 | 1 | 1 | 37 | 40 |
| 5 | 1 | 1 | 8 | 8 | -24 | 4 | 1 | 22 | -22 | 23 | 5 | 1 | 40 | -41 | 21 | 7 | 1 | 9 | -7 | 21 | 9 | 1 | 1 | 39 | 40 |
| 9 | 1 | 1 | 97 | 99 | -20 | 4 | 1 | 62 | 60 | -22 | 6 | 1 | 13 | 13 | -22 | 6 | 1 | 15 | 14 | -22 | 10 | 1 | 1 | 5 | -4 |
| 11 | 1 | 1 | 47 | -47 | -18 | 4 | 1 | 13 | 13 | -20 | 6 | 1 | 60 | -59 | -20 | 6 | 1 | 61 | -60 | -20 | 10 | 1 | 1 | 60 | -61 |
| 13 | 1 | 1 | 57 | -57 | -16 | 4 | 1 | 14 | -11 | -18 | 6 | 1 | 15 | 11 | -18 | 6 | 1 | 22 | -25 | -18 | 10 | 1 | 1 | 196 | -195 |
| 15 | 1 | 1 | 47 | -47 | -14 | 4 | 1 | 34 | -33 | -16 | 6 | 1 | 37 | -34 | -16 | 6 | 1 | 60 | 62 | -16 | 10 | 1 | 1 | 17 | 67 |
| 17 | 1 | 1 | 11 | -12 | -12 | 4 | 1 | 56 | -57 | -14 | 6 | 1 | 15 | -15 | -12 | 6 | 1 | 19 | -17 | -14 | 10 | 1 | 1 | 63 | 67 |
| 18 | 1 | 1 | 32 | -33 | -10 | 4 | 1 | 84 | -87 | -10 | 6 | 1 | 10 | 7 | -10 | 6 | 1 | 94 | 93 | -10 | 10 | 1 | 1 | 39 | 42 |
| -24 | 2 | 1 | 46 | -47 | -8 | 4 | 1 | 122 | 113 | -10 | 6 | 1 | 30 | -26 | -8 | 8 | 1 | 126 | -129 | 0 | 10 | 1 | 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 | F0 | FC | H | K | L | F0 | FC | H | K | L | F0 | FC | F0 | FC |
| 4 | 10 | 1 | 85 | 87 | 18 | 12 | 1 | 14 | 11 | 15 | 15 | 1 | 114 | 114 | 18 | -14 |
| 2 | 10 | 1 | 96 | -97 | 20 | 13 | 1 | 24 | -22 | 1 | 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 | -21 | 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 | -5 |
| 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 | 19 | 16 | 1 | 33 | -31 | 23 | -23 |
| 24 | 10 | 1 | 14 | -18 | -1 | 13 | 1 | 41 | -43 | 16 | 16 | 1 | 35 | -35 | 14 | -11 |
| 26 | 10 | 1 | 19 | 13 | 3 | 13 | 1 | 41 | 9 | 14 | 16 | 1 | 37 | 34 | 20 | -11 |
| 28 | 10 | 1 | 13 | -11 | 5 | 13 | 1 | 29 | -52 | 16 | 16 | 1 | 54 | -55 | 18 | -56 |
| 30 | 10 | 1 | 23 | -27 | 7 | 13 | 1 | 35 | 28 | 16 | 16 | 1 | 60 | 61 | 17 | 20 |
| 32 | 10 | 1 | 31 | 33 | 9 | 13 | 1 | 44 | 41 | 16 | 16 | 1 | 54 | -54 | 21 | -27 |
| 34 | 10 | 1 | 34 | -33 | 11 | 13 | 1 | 14 | 13 | 16 | 16 | 1 | 27 | 27 | 18 | 18 |
| 36 | 10 | 1 | 64 | -62 | 13 | 13 | 1 | 21 | 21 | 16 | 16 | 1 | 17 | -12 | 12 | -22 |
| 38 | 10 | 1 | 28 | -26 | 15 | 13 | 1 | 33 | -34 | 16 | 16 | 1 | 13 | 11 | 30 | 30 |
| 40 | 10 | 1 | 16 | 10 | 17 | 13 | 1 | 21 | -24 | 16 | 16 | 1 | 44 | -47 | 18 | -42 |
| 42 | 10 | 1 | 37 | 35 | 19 | 13 | 1 | 7 | -7 | 16 | 16 | 1 | 44 | 16 | 39 | 31 |
| 44 | 10 | 1 | 78 | -79 | 21 | 13 | 1 | 26 | -24 | 16 | 16 | 1 | 44 | -42 | 22 | -40 |
| 46 | 10 | 1 | 8 | 108 | -20 | 14 | 1 | 7 | 37 | 16 | 16 | 1 | 60 | -61 | 7 | 1 |
| 48 | 10 | 1 | 6 | 6 | -18 | 14 | 1 | 8 | -23 | 16 | 16 | 1 | 8 | 23 | 19 | -18 |
| 50 | 10 | 1 | 29 | -4 | -10 | 14 | 1 | 15 | 10 | 17 | 17 | 1 | 12 | -12 | 44 | 44 |
| 52 | 10 | 1 | 57 | 28 | -12 | 14 | 1 | 13 | -15 | 17 | 17 | 1 | 18 | 17 | 40 | -42 |
| 54 | 10 | 1 | 55 | -55 | -8 | 14 | 1 | 46 | 45 | 17 | 17 | 1 | 81 | -80 | 33 | 31 |
| 56 | 10 | 1 | 55 | -55 | -6 | 14 | 1 | 41 | 39 | 17 | 17 | 1 | 27 | -27 | 33 | 33 |
| 58 | 10 | 1 | 28 | -29 | -4 | 14 | 1 | 13 | 12 | 17 | 17 | 1 | 14 | -16 | 24 | -23 |
| 60 | 10 | 1 | 61 | -61 | -2 | 14 | 1 | 78 | 81 | 17 | 17 | 1 | 42 | 40 | 18 | 17 |
| 62 | 10 | 1 | 13 | -12 | 4 | 14 | 1 | 8 | 5 | 17 | 17 | 1 | 7 | 8 | 8 | 6 |
| 64 | 10 | 1 | 35 | -33 | 6 | 14 | 1 | 8 | -8 | 17 | 17 | 1 | 36 | -36 | 60 | 61 |
| 66 | 10 | 1 | 27 | -30 | 12 | 14 | 1 | 11 | -8 | 17 | 17 | 1 | 13 | 12 | 22 | -22 |
| 68 | 10 | 1 | 37 | -37 | 14 | 14 | 1 | 67 | 66 | 17 | 17 | 1 | 65 | -66 | 31 | 30 |
| 70 | 10 | 1 | 68 | -72 | 14 | 14 | 1 | 37 | 36 | 17 | 17 | 1 | 29 | -29 | 16 | -14 |
| 72 | 10 | 1 | 31 | -30 | 16 | 14 | 1 | 26 | 25 | 17 | 17 | 1 | 18 | -16 | 17 | -19 |
| 74 | 10 | 1 | 68 | -72 | 16 | 14 | 1 | 24 | -25 | 17 | 17 | 1 | 34 | -33 | 13 | -11 |
| 76 | 10 | 1 | 108 | -111 | 18 | 14 | 1 | 11 | 10 | 17 | 17 | 1 | 48 | -48 | 22 | -22 |
| 78 | 10 | 1 | 7 | -1 | -17 | 15 | 1 | 9 | 21 | 17 | 17 | 1 | 29 | -28 | 31 | 30 |
| 80 | 10 | 1 | 68 | 68 | -21 | 15 | 1 | 21 | 18 | 17 | 17 | 1 | 18 | -17 | 15 | -16 |
| 82 | 10 | 1 | 7 | 2 | -15 | 15 | 1 | 6 | 8 | 17 | 17 | 1 | 25 | -25 | 15 | -11 |
| 84 | 10 | 1 | 6 | 7 | -13 | 15 | 1 | 21 | 21 | 17 | 17 | 1 | 25 | -25 | 22 | -22 |
| 86 | 10 | 1 | 102 | -103 | -11 | 15 | 1 | 29 | 29 | 17 | 17 | 1 | 34 | -34 | 41 | -41 |
| 88 | 10 | 1 | 70 | -69 | -9 | 15 | 1 | 8 | 54 | 17 | 17 | 1 | 48 | -49 | 18 | -17 |
| 90 | 10 | 1 | 66 | -68 | -13 | 15 | 1 | 29 | 30 | 18 | 18 | 1 | 23 | -22 | 16 | 16 |
| 92 | 10 | 1 | 55 | -55 | -5 | 15 | 1 | 81 | -82 | 18 | 18 | 1 | 71 | -71 | 22 | -22 |
| 94 | 10 | 1 | 21 | 23 | -3 | 15 | 1 | 32 | 72 | 18 | 18 | 1 | 34 | -33 | 18 | -17 |
| 96 | 10 | 1 | 8 | 23 | -1 | 15 | 1 | 17 | -30 | 18 | 18 | 1 | 14 | 13 | 16 | 17 |
| 98 | 10 | 1 | 14 | -1 | 15 | 15 | 1 | 7 | -10 | 18 | 18 | 1 | 7 | 5 | 22 | -23 |
| 100 | 10 | 1 | 16 | 23 | -1 | 15 | 1 | 17 | -10 | 18 | 18 | 1 | 17 | 2 | 15 | -14 |

Table 3c (dehyd 2)

| OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 CLIDEHY2 | | | | | | | | | | | | | | 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 | 6 | 48 | 45 | -19 | 9 | 2 | 36 | 35 |
| 1 | 27 | 1 | 9 | -10 | -18 | 2 | 2 | 19 | 17 | -2 | 4 | 4 | 16 | 14 | 4 | 6 | 6 | 26 | 28 | -17 | 9 | 2 | 36 | 35 |
| 5 | 27 | 1 | 30 | -30 | -16 | 2 | 2 | 90 | -89 | 0 | 4 | 4 | 58 | -56 | 4 | 6 | 6 | 30 | 32 | -15 | 9 | 2 | 31 | 15 |
| -4 | 28 | 1 | 11 | 9 | -14 | 2 | 2 | 32 | 31 | 2 | 4 | 4 | 54 | -43 | 10 | 6 | 6 | 20 | 20 | -13 | 9 | 2 | 31 | -31 |
| -2 | 28 | 1 | 15 | -14 | -12 | 2 | 2 | 151 | -151 | 2 | 4 | 4 | 34 | 33 | 12 | 6 | 6 | 69 | 72 | -11 | 9 | 2 | 39 | -36 |
| 0 | 28 | 1 | 21 | 21 | -10 | 2 | 2 | 36 | 43 | 6 | 4 | 4 | 11 | 9 | 14 | 6 | 6 | 55 | 58 | -9 | 9 | 2 | 80 | 83 |
| 2 | 28 | 1 | 14 | -11 | -8 | 2 | 2 | 12 | -5 | 8 | 4 | 4 | 64 | 69 | 16 | 6 | 6 | 56 | 58 | -7 | 9 | 2 | 47 | 45 |
| -26 | 0 | 2 | 27 | 28 | -6 | 2 | 2 | 49 | -52 | 10 | 4 | 4 | 118 | -120 | 18 | 6 | 6 | 8 | 30 | -5 | 9 | 2 | 30 | 28 |
| -24 | 0 | 2 | 30 | 28 | -4 | 2 | 2 | 218 | 213 | 12 | 4 | 4 | 7 | 5 | 22 | 6 | 6 | 37 | 36 | -3 | 9 | 2 | 116 | 116 |
| -20 | 0 | 2 | 40 | -39 | -2 | 2 | 2 | 215 | -208 | 14 | 4 | 4 | 20 | 23 | 21 | 6 | 6 | 67 | -67 | -1 | 9 | 2 | 10 | 10 |
| -18 | 0 | 2 | 14 | 12 | 0 | 2 | 2 | 10 | 9 | 16 | 4 | 4 | 33 | 31 | 19 | 6 | 6 | 15 | -13 | 3 | 9 | 2 | 8 | 5 |
| -16 | 0 | 2 | 75 | 76 | 0 | 2 | 2 | 62 | -66 | 18 | 4 | 4 | 29 | 26 | 17 | 6 | 6 | 62 | -62 | 5 | 9 | 2 | 54 | 52 |
| -14 | 0 | 2 | 96 | 98 | 4 | 2 | 2 | 38 | -38 | -25 | 5 | 5 | 33 | 31 | -13 | 6 | 6 | 44 | 45 | -13 | 9 | 2 | 23 | -24 |
| -12 | 0 | 2 | 83 | 80 | 6 | 2 | 2 | 9 | 2 | -21 | 5 | 5 | 21 | 19 | -11 | 6 | 6 | 9 | 6 | 9 | 9 | 2 | 112 | 115 |
| -10 | 0 | 2 | 126 | 125 | 8 | 2 | 2 | 56 | -57 | -23 | 5 | 5 | 32 | 32 | -9 | 6 | 6 | 26 | 26 | -9 | 9 | 2 | 11 | 12 |
| -8 | 0 | 2 | 60 | -58 | 10 | 2 | 2 | 85 | 86 | -21 | 5 | 5 | 30 | 30 | -9 | 6 | 6 | 32 | 30 | -7 | 9 | 2 | 15 | 15 |
| -6 | 0 | 2 | 105 | 96 | 12 | 2 | 2 | 13 | -11 | -19 | 5 | 5 | 30 | 30 | -7 | 6 | 6 | 30 | 30 | -7 | 9 | 2 | 45 | 45 |
| -4 | 0 | 2 | 259 | -257 | 14 | 2 | 2 | 39 | 38 | -17 | 5 | 5 | 23 | -22 | -5 | 6 | 6 | 54 | -60 | 13 | 9 | 2 | 15 | 14 |
| -2 | 0 | 2 | 106 | 102 | 14 | 2 | 2 | 38 | -39 | -15 | 5 | 5 | 51 | -51 | -3 | 6 | 6 | 63 | -68 | 9 | 9 | 2 | 21 | -21 |
| 0 | 0 | 2 | 160 | 156 | 17 | 2 | 2 | 62 | -61 | -13 | 5 | 5 | 18 | -18 | -1 | 6 | 6 | 23 | 22 | 21 | 9 | 2 | 15 | -16 |
| 2 | 0 | 2 | 97 | 91 | -15 | 2 | 2 | 34 | 34 | -9 | 5 | 5 | 33 | -32 | 3 | 6 | 6 | 4 | 4 | -20 | 9 | 2 | 6 | 5 |
| 4 | 0 | 2 | 67 | 74 | -11 | 2 | 2 | 9 | -10 | -7 | 5 | 5 | 162 | 161 | 7 | 6 | 6 | 8 | 8 | 7 | 7 | 2 | 11 | 12 |
| 6 | 0 | 2 | 11 | -36 | -7 | 2 | 2 | 59 | -59 | -5 | 5 | 5 | 60 | -2 | 9 | 6 | 6 | 45 | 45 | -8 | 7 | 2 | 11 | 12 |
| 8 | 0 | 2 | 12 | 7 | 7 | 2 | 2 | 21 | -28 | -1 | 5 | 5 | 74 | 75 | 9 | 6 | 6 | 32 | -30 | 11 | 7 | 2 | 75 | 26 |
| 10 | 0 | 2 | 45 | 46 | -5 | 2 | 2 | 70 | -67 | 1 | 5 | 5 | 14 | -15 | 13 | 6 | 6 | 65 | -63 | -12 | 7 | 2 | 102 | 103 |
| 12 | 0 | 2 | 7 | -7 | -3 | 2 | 2 | 50 | -51 | 3 | 5 | 5 | 17 | -14 | 15 | 6 | 6 | 7 | 6 | -8 | 7 | 2 | 15 | 14 |
| 16 | 0 | 2 | 28 | 30 | -1 | 2 | 2 | 89 | 89 | 5 | 5 | 5 | 28 | -26 | 19 | 6 | 6 | 12 | 12 | -4 | 7 | 2 | 18 | -16 |
| 20 | 0 | 2 | 39 | 41 | 3 | 2 | 2 | 101 | 96 | 7 | 5 | 5 | 87 | 85 | 19 | 6 | 6 | 7 | 7 | 0 | 7 | 2 | 23 | 24 |
| -19 | 1 | 2 | 23 | -23 | 5 | 2 | 2 | 65 | 67 | 9 | 5 | 5 | 55 | 55 | 18 | 6 | 6 | 26 | -26 | 2 | 7 | 2 | 110 | 114 |
| -17 | 1 | 2 | 35 | 34 | 3 | 2 | 2 | 70 | -64 | 11 | 5 | 5 | 55 | 55 | -16 | 6 | 6 | 29 | -29 | 4 | 7 | 2 | 89 | 90 |
| -15 | 1 | 2 | 61 | -62 | 7 | 2 | 2 | 23 | -22 | 13 | 5 | 5 | 19 | 15 | -14 | 6 | 6 | 33 | 31 | 6 | 7 | 2 | 67 | 70 |
| -13 | 1 | 2 | 13 | 11 | 9 | 2 | 2 | 103 | -103 | 15 | 5 | 5 | 14 | -12 | -10 | 6 | 6 | 143 | -147 | 8 | 7 | 2 | 12 | -12 |
| -11 | 1 | 2 | 24 | 22 | 11 | 2 | 2 | 15 | -14 | 17 | 5 | 5 | 28 | -29 | -8 | 6 | 6 | 41 | 40 | 10 | 7 | 2 | 9 | -7 |
| -9 | 1 | 2 | 105 | -102 | 13 | 2 | 2 | 12 | -13 | 19 | 5 | 5 | 14 | -12 | -10 | 6 | 6 | 13 | -12 | 12 | 7 | 2 | 15 | 15 |
| -7 | 1 | 2 | 95 | 102 | 15 | 2 | 2 | 37 | -37 | 21 | 5 | 5 | 20 | 21 | -6 | 6 | 6 | 40 | -37 | 14 | 7 | 2 | 27 | -28 |
| -5 | 1 | 2 | 100 | -98 | 15 | 2 | 2 | 15 | -16 | 21 | 5 | 5 | 20 | 21 | -8 | 6 | 6 | 99 | -97 | 16 | 7 | 2 | 39 | 40 |
| -3 | 1 | 2 | 139 | 135 | 21 | 2 | 2 | 15 | 17 | -18 | 6 | 6 | 41 | -43 | -4 | 6 | 6 | 73 | -71 | 18 | 7 | 2 | 45 | 45 |
| -1 | 1 | 2 | 75 | 72 | -26 | 2 | 2 | 9 | -16 | -20 | 6 | 6 | 32 | 33 | 2 | 6 | 6 | 9 | 9 | -2 | 7 | 2 | 13 | 12 |
| 1 | 1 | 2 | 152 | -144 | -24 | 2 | 2 | 24 | 25 | -14 | 6 | 6 | 41 | -43 | 0 | 6 | 6 | 47 | -46 | 2 | 7 | 2 | 144 | 144 |
| 3 | 1 | 2 | 76 | 72 | -20 | 2 | 2 | 9 | -10 | -18 | 6 | 6 | 157 | 160 | 8 | 6 | 6 | 47 | -46 | -17 | 7 | 2 | 51 | 50 |
| 5 | 1 | 2 | 97 | -94 | -18 | 2 | 2 | 23 | 25 | -12 | 6 | 6 | 32 | -38 | 8 | 6 | 6 | 99 | -97 | -19 | 7 | 2 | 71 | -72 |
| 7 | 1 | 2 | 96 | 98 | -16 | 2 | 2 | 31 | 31 | -10 | 6 | 6 | 92 | 88 | 10 | 6 | 6 | 47 | -46 | -17 | 7 | 2 | 8 | -4 |
| 9 | 1 | 2 | 21 | -15 | -14 | 2 | 2 | 58 | 61 | -8 | 6 | 6 | 53 | 55 | 14 | 6 | 6 | 9 | 9 | -13 | 7 | 2 | 27 | 28 |
| 11 | 1 | 2 | 25 | -25 | -12 | 2 | 2 | 31 | 31 | -6 | 6 | 6 | 10 | 11 | 14 | 6 | 6 | 23 | 20 | -11 | 7 | 2 | 149 | -149 |
| 15 | 1 | 2 | 18 | -19 | -10 | 2 | 2 | 91 | 93 | -4 | 6 | 6 | 44 | 37 | 16 | 6 | 6 | 53 | 55 | -9 | 7 | 2 | 164 | 167 |
| 21 | 1 | 2 | 17 | 16 | -8 | 2 | 2 | 98 | 99 | -2 | 6 | 6 | 65 | 70 | 20 | 6 | 6 | 15 | -14 | -7 | 7 | 2 | 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 | 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 |
| 1 | 11 | 2 | 102 | -108 | 17 | 13 | 2 | 39 | -15 | 0 | 16 | 2 | 107 | 37 | 3 | 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 | 15 | -3 | 23 | 2 | 9 | 6 |
| 5 | 11 | 2 | 87 | -86 | 19 | 14 | 2 | 44 | -12 | 4 | 16 | 2 | 44 | 44 | 7 | 19 | 2 | 31 | 46 | -1 | 23 | 2 | 8 | 7 |
| 7 | 11 | 2 | 15 | 10 | 22 | 14 | 2 | 22 | -11 | 6 | 16 | 2 | 22 | -21 | 9 | 19 | 2 | 44 | 30 | 1 | 23 | 2 | 23 | -22 |
| 9 | 11 | 2 | 38 | -38 | 14 | 14 | 2 | 36 | 14 | 8 | 16 | 2 | 36 | -37 | 11 | 19 | 2 | 30 | 46 | 5 | 23 | 2 | 23 | 24 |
| 13 | 11 | 2 | 15 | -13 | 14 | 14 | 2 | 44 | -14 | 10 | 16 | 2 | 44 | 44 | 11 | 19 | 2 | 27 | 30 | 11 | 23 | 2 | 11 | -15 |
| 15 | 11 | 2 | 45 | -45 | 14 | 14 | 2 | 72 | -72 | 10 | 16 | 2 | 58 | -58 | -18 | 20 | 2 | 19 | 19 | 11 | 23 | 2 | 16 | -15 |
| 17 | 11 | 2 | 25 | -26 | 14 | 14 | 2 | 35 | -36 | 12 | 16 | 2 | 45 | -45 | -16 | 20 | 2 | 35 | 19 | -14 | 24 | 2 | 27 | -28 |
| 19 | 11 | 2 | 33 | -34 | 14 | 14 | 2 | 29 | -29 | 14 | 16 | 2 | 29 | -29 | -14 | 20 | 2 | 13 | 13 | -10 | 24 | 2 | 17 | 16 |
| 24 | 12 | 2 | 23 | 21 | 14 | 14 | 2 | 89 | -89 | -21 | 17 | 2 | 45 | -45 | -10 | 20 | 2 | 40 | 41 | -2 | 24 | 2 | 21 | 19 |
| 20 | 12 | 2 | 10 | 11 | 14 | 14 | 2 | 85 | 85 | -17 | 17 | 2 | 29 | -29 | -8 | 20 | 2 | 24 | 24 | 0 | 24 | 2 | 29 | -30 |
| 18 | 12 | 2 | 8 | 9 | 14 | 14 | 2 | 79 | -82 | -13 | 17 | 2 | 11 | -11 | 6 | 20 | 2 | 24 | 26 | 2 | 24 | 2 | 14 | 50 |
| 16 | 12 | 2 | 29 | -29 | 14 | 14 | 2 | 74 | 74 | -9 | 17 | 2 | 11 | -11 | 8 | 20 | 2 | 8 | 8 | -6 | 24 | 2 | 16 | -18 |
| 14 | 12 | 2 | 37 | -36 | 14 | 14 | 2 | 42 | -46 | -7 | 17 | 2 | 32 | -31 | -4 | 20 | 2 | 11 | 11 | 4 | 24 | 2 | 16 | -58 |
| 12 | 12 | 2 | 22 | -22 | 14 | 14 | 2 | 18 | 18 | -5 | 17 | 2 | 49 | -51 | -2 | 20 | 2 | 8 | 8 | 2 | 24 | 2 | 22 | -22 |
| 10 | 12 | 2 | 30 | -28 | 14 | 14 | 2 | 42 | 46 | -3 | 17 | 2 | 71 | -73 | -4 | 20 | 2 | 26 | 26 | 10 | 24 | 2 | 14 | 25 |
| 8 | 12 | 2 | 38 | -39 | 14 | 14 | 2 | 25 | 26 | -1 | 17 | 2 | 30 | -31 | 2 | 20 | 2 | 13 | 13 | -7 | 24 | 2 | 14 | 14 |
| 6 | 12 | 2 | 22 | 20 | 14 | 14 | 2 | 9 | 16 | 1 | 17 | 2 | 9 | -10 | 6 | 20 | 2 | 7 | 6 | -5 | 24 | 2 | 17 | 18 |
| 4 | 12 | 2 | 14 | 2 | 14 | 14 | 2 | 14 | 14 | 3 | 17 | 2 | 15 | 16 | 8 | 20 | 2 | 20 | 19 | -3 | 24 | 2 | 10 | 17 |
| 2 | 12 | 2 | 27 | -11 | 14 | 14 | 2 | 29 | -27 | 5 | 17 | 2 | 56 | 56 | 10 | 20 | 2 | 9 | 8 | -1 | 24 | 2 | 7 | 7 |
| 0 | 12 | 2 | 188 | -188 | 15 | 15 | 2 | 11 | -12 | 9 | 17 | 2 | 41 | -41 | 14 | 20 | 2 | 17 | 17 | 3 | 24 | 2 | 10 | 18 |
| 2 | 12 | 2 | 20 | -20 | 15 | 15 | 2 | 52 | 52 | 11 | 17 | 2 | 21 | -21 | 14 | 20 | 2 | 17 | 17 | -5 | 24 | 2 | 16 | 16 |
| 4 | 12 | 2 | 43 | -43 | 15 | 15 | 2 | 28 | -27 | 11 | 17 | 2 | 46 | -44 | -7 | 21 | 2 | 22 | 22 | -3 | 24 | 2 | 11 | 11 |
| 6 | 12 | 2 | 39 | -40 | 15 | 15 | 2 | 15 | -18 | 15 | 17 | 2 | 27 | -27 | -5 | 21 | 2 | 68 | 68 | -6 | 24 | 2 | 11 | 11 |
| 8 | 12 | 2 | 61 | -61 | 15 | 15 | 2 | 39 | -38 | 15 | 18 | 2 | 46 | -45 | -3 | 21 | 2 | 35 | 35 | -4 | 24 | 2 | 7 | 7 |
| 10 | 12 | 2 | 31 | -33 | 15 | 15 | 2 | 9 | -7 | 20 | 18 | 2 | 26 | -25 | 1 | 21 | 2 | 11 | 11 | 0 | 24 | 2 | 14 | 14 |
| 12 | 12 | 2 | 16 | -11 | 15 | 15 | 2 | 31 | 33 | -18 | 18 | 2 | 44 | -44 | 3 | 21 | 2 | 44 | 44 | 0 | 24 | 2 | 32 | -31 |
| 14 | 12 | 2 | 10 | -10 | 15 | 15 | 2 | 5 | -1 | -16 | 18 | 2 | 13 | -12 | 5 | 21 | 2 | 55 | 55 | 2 | 24 | 2 | 6 | 6 |
| 16 | 12 | 2 | 49 | -48 | 15 | 15 | 2 | 57 | 57 | -8 | 18 | 2 | 16 | -15 | 7 | 21 | 2 | 42 | 42 | 4 | 24 | 2 | 25 | -38 |
| 18 | 12 | 2 | 16 | -15 | 15 | 15 | 2 | 22 | -21 | -6 | 18 | 2 | 17 | -16 | 9 | 21 | 2 | 14 | 14 | -7 | 24 | 2 | 18 | 18 |
| 20 | 12 | 2 | 11 | -12 | 15 | 15 | 2 | 75 | 74 | -10 | 18 | 2 | 17 | -15 | 9 | 21 | 2 | 51 | 52 | 4 | 24 | 2 | 13 | 13 |
| 22 | 12 | 2 | 43 | -44 | 15 | 15 | 2 | 22 | -21 | -8 | 18 | 2 | 41 | -40 | 11 | 21 | 2 | 42 | 42 | -5 | 24 | 2 | 10 | 10 |
| 24 | 12 | 2 | 25 | -24 | 15 | 15 | 2 | 31 | -33 | -4 | 18 | 2 | 41 | -41 | 11 | 21 | 2 | 10 | 10 | -3 | 24 | 2 | 14 | 14 |
| 26 | 12 | 2 | 8 | 8 | 15 | 15 | 2 | 41 | 41 | -2 | 18 | 2 | 20 | -20 | 13 | 21 | 2 | 9 | 9 | -1 | 24 | 2 | 13 | 13 |
| 28 | 12 | 2 | 15 | -15 | 15 | 15 | 2 | 19 | -18 | 6 | 18 | 2 | 11 | -11 | 13 | 21 | 2 | 44 | 44 | 3 | 24 | 2 | 16 | 16 |
| 30 | 12 | 2 | 16 | -16 | 15 | 15 | 2 | 41 | -41 | 10 | 18 | 2 | 20 | -22 | 13 | 21 | 2 | 44 | 44 | 0 | 24 | 2 | 13 | 13 |
| 32 | 12 | 2 | 60 | -60 | 15 | 15 | 2 | 14 | -15 | 12 | 18 | 2 | 45 | -43 | 14 | 21 | 2 | 23 | 23 | -2 | 24 | 2 | 14 | 14 |
| 34 | 12 | 2 | 16 | -16 | 15 | 15 | 2 | 19 | -19 | 14 | 18 | 2 | 11 | -11 | 14 | 21 | 2 | 41 | 41 | 0 | 24 | 2 | 27 | -27 |
| 36 | 12 | 2 | 16 | -16 | 15 | 15 | 2 | 14 | -14 | 16 | 18 | 2 | 11 | -11 | 14 | 21 | 2 | 23 | 23 | -1 | 24 | 2 | 27 | -27 |
| 38 | 12 | 2 | 46 | -44 | 15 | 15 | 2 | 57 | -55 | 18 | 18 | 2 | 28 | -29 | 16 | 21 | 2 | 12 | 12 | -1 | 24 | 2 | 68 | 85 |
| 40 | 12 | 2 | 24 | -22 | 15 | 15 | 2 | 43 | -42 | 19 | 19 | 2 | 8 | -6 | 17 | 21 | 2 | 7 | 11 | -1 | 24 | 2 | 209 | -206 |

Table 3c (dehyd 2)

| OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MW 05/30/90 CLIDEHY2 | | | | | | | | | | | | | | PAGE 6 | | | | | |
|--|---|---|-----|------|-----|---|-----|-----|------|-----|---|---|-----|--------|-----|---|-----|------|-----|
| H | K | L | FO | FC | H | K | L | FO | FC | H | K | L | FO | FC | H | K | L | FO | FC |
| -8 | 0 | 0 | 33 | -33 | 8 | 2 | 3 | 13 | -11 | -19 | 5 | 3 | 13 | -10 | -15 | 7 | 3 | 56 | -56 |
| -6 | 0 | 0 | 60 | -51 | 10 | 2 | 56 | 16 | 16 | -13 | 7 | 3 | 14 | -11 | -3 | 9 | 57 | 8 | 56 |
| -4 | 0 | 0 | 43 | -46 | 12 | 2 | 15 | 81 | 81 | -11 | 7 | 3 | 95 | -97 | -1 | 9 | 106 | -4 | -4 |
| -2 | 0 | 0 | 186 | 190 | 14 | 2 | 36 | 155 | 155 | -9 | 7 | 3 | 108 | -107 | 9 | 9 | 149 | -106 | 149 |
| 0 | 0 | 0 | 67 | -61 | 25 | 3 | 56 | 41 | 40 | -7 | 7 | 3 | 69 | 70 | 5 | 9 | 9 | 89 | -7 |
| 4 | 0 | 0 | 76 | -79 | -19 | 3 | 32 | 84 | 87 | -5 | 7 | 3 | 82 | -81 | 5 | 9 | 89 | 92 | 92 |
| 6 | 0 | 0 | 11 | 9 | -17 | 3 | 31 | 28 | 21 | -3 | 7 | 3 | 115 | 114 | 9 | 9 | 8 | 8 | 7 |
| 8 | 0 | 0 | 159 | -165 | -15 | 3 | 74 | 58 | -59 | -1 | 7 | 3 | 33 | -31 | 9 | 9 | 26 | -25 | -25 |
| 10 | 0 | 0 | 49 | 46 | -13 | 3 | 32 | 60 | 175 | 1 | 7 | 3 | 41 | -38 | 9 | 9 | 12 | 12 | 11 |
| 12 | 0 | 0 | 102 | 100 | -11 | 3 | 87 | 175 | 175 | -1 | 7 | 3 | 70 | -69 | 9 | 9 | 16 | -17 | -17 |
| 14 | 0 | 0 | 39 | 41 | -9 | 3 | 32 | 60 | 196 | 3 | 7 | 3 | 122 | -125 | 9 | 9 | 30 | 32 | 32 |
| 18 | 0 | 0 | 38 | 38 | -7 | 3 | 24 | 56 | 55 | 5 | 7 | 3 | 34 | -35 | 9 | 9 | 22 | 22 | 22 |
| 20 | 0 | 0 | 34 | 7 | -5 | 3 | 7 | 20 | 20 | 7 | 7 | 3 | 21 | -42 | 9 | 9 | 11 | -12 | -12 |
| 22 | 0 | 0 | 17 | -31 | -3 | 3 | 7 | 31 | 31 | 9 | 7 | 3 | 8 | 19 | 9 | 9 | 8 | 8 | 6 |
| 25 | 1 | 1 | 17 | -16 | -1 | 3 | 50 | 15 | -12 | 11 | 7 | 3 | 11 | 6 | 9 | 9 | 31 | 28 | 28 |
| 27 | 1 | 1 | 28 | 29 | 1 | 3 | 8 | 6 | -31 | 13 | 7 | 3 | 11 | -14 | 9 | 9 | 11 | 65 | 65 |
| 29 | 1 | 1 | 30 | 31 | 3 | 3 | 120 | 15 | -117 | 15 | 7 | 3 | 21 | -21 | 9 | 9 | 21 | 20 | 20 |
| 31 | 1 | 1 | 49 | -49 | 5 | 3 | 101 | 35 | 35 | 17 | 7 | 3 | 42 | -43 | 9 | 9 | 58 | 59 | 59 |
| 33 | 1 | 1 | 67 | 68 | 7 | 3 | 48 | 30 | 31 | 19 | 7 | 3 | 18 | 20 | 9 | 9 | 38 | -38 | -38 |
| 35 | 1 | 1 | 13 | 15 | 9 | 3 | 124 | 26 | -127 | -26 | 8 | 3 | 34 | -33 | 9 | 9 | 6 | 4 | 4 |
| 37 | 1 | 1 | 35 | 32 | 11 | 3 | 38 | 63 | 63 | -24 | 8 | 3 | 19 | 16 | 9 | 9 | 13 | 13 | 13 |
| 39 | 1 | 1 | 51 | 50 | 13 | 3 | 14 | 52 | -52 | -20 | 8 | 3 | 32 | -32 | 9 | 9 | 24 | 24 | 24 |
| 41 | 1 | 1 | 72 | 71 | 19 | 3 | 27 | 21 | 35 | -18 | 8 | 3 | 28 | -27 | 9 | 9 | 87 | 87 | 87 |
| 43 | 1 | 1 | 30 | 28 | 21 | 3 | 11 | 36 | 35 | -16 | 8 | 3 | 14 | -11 | 9 | 9 | 42 | 41 | 41 |
| 45 | 1 | 1 | 6 | 4 | -24 | 3 | 31 | 88 | 91 | -12 | 8 | 3 | 70 | 71 | 9 | 9 | 60 | 61 | 61 |
| 47 | 1 | 1 | 50 | 49 | -22 | 3 | 18 | 45 | 43 | -10 | 8 | 3 | 54 | -55 | 9 | 9 | 26 | -24 | -24 |
| 49 | 1 | 1 | 49 | 47 | -20 | 3 | 23 | 61 | 59 | -8 | 8 | 3 | 36 | 35 | 9 | 9 | 44 | 43 | 43 |
| 51 | 1 | 1 | 104 | 104 | -18 | 3 | 11 | 25 | 26 | -6 | 8 | 3 | 84 | -6 | 9 | 9 | 44 | 44 | 44 |
| 53 | 1 | 1 | 93 | -93 | -16 | 3 | 75 | 45 | 39 | -4 | 8 | 3 | 54 | -85 | 9 | 9 | 8 | 8 | 8 |
| 55 | 1 | 1 | 73 | 73 | -14 | 3 | 98 | 26 | -27 | -2 | 8 | 3 | 50 | -54 | 9 | 9 | 50 | 47 | 47 |
| 57 | 1 | 1 | 29 | -30 | -8 | 3 | 121 | 108 | 106 | 0 | 8 | 3 | 64 | -65 | 9 | 9 | 60 | 60 | 60 |
| 59 | 1 | 1 | 21 | 18 | -6 | 3 | 58 | 167 | -167 | 2 | 8 | 3 | 64 | -65 | 9 | 9 | 22 | 20 | 20 |
| 61 | 1 | 1 | 18 | 18 | -4 | 3 | 80 | 100 | 103 | 4 | 8 | 3 | 61 | -60 | 9 | 9 | 32 | -32 | -32 |
| 63 | 1 | 1 | 20 | 20 | 0 | 3 | 82 | 39 | -38 | 6 | 8 | 3 | 6 | -2 | 9 | 9 | 45 | 46 | 46 |
| 65 | 1 | 1 | 50 | -50 | 2 | 3 | 24 | 18 | 21 | 8 | 8 | 3 | 30 | -29 | 9 | 9 | 51 | -51 | -51 |
| 67 | 1 | 1 | 24 | -23 | 4 | 3 | 27 | 86 | 87 | 10 | 8 | 3 | 11 | -8 | 9 | 9 | 23 | 22 | 22 |
| 69 | 1 | 1 | 14 | -12 | 4 | 3 | 18 | 66 | 66 | 12 | 8 | 3 | 11 | -8 | 9 | 9 | 47 | -49 | -49 |
| 71 | 1 | 1 | 54 | 52 | 6 | 3 | 18 | 58 | 58 | 14 | 8 | 3 | 52 | 9 | 9 | 9 | 28 | 28 | 28 |
| 73 | 1 | 1 | 28 | 25 | 8 | 3 | 29 | 20 | 18 | 16 | 8 | 3 | 9 | 21 | 9 | 9 | 13 | 13 | 13 |
| 75 | 1 | 1 | 76 | 72 | 10 | 3 | 36 | 25 | -18 | 16 | 8 | 3 | 22 | -18 | 9 | 9 | 11 | -8 | -8 |
| 77 | 1 | 1 | 98 | -103 | 12 | 3 | 11 | 58 | 59 | 18 | 8 | 3 | 9 | 9 | 9 | 9 | 11 | 12 | 12 |
| 79 | 1 | 1 | 68 | -71 | 14 | 3 | 17 | 66 | 66 | 14 | 8 | 3 | 17 | -17 | 9 | 9 | 34 | 35 | 35 |
| 81 | 1 | 1 | 88 | -73 | 16 | 3 | 11 | 86 | 87 | 16 | 8 | 3 | 17 | -17 | 9 | 9 | 82 | 82 | 82 |
| 83 | 1 | 1 | 68 | -73 | 14 | 3 | 18 | 58 | 58 | 14 | 8 | 3 | 11 | -8 | 9 | 9 | 11 | 12 | 12 |
| 85 | 1 | 1 | 76 | 72 | 12 | 3 | 36 | 25 | -18 | 16 | 8 | 3 | 9 | 21 | 9 | 9 | 13 | 13 | 13 |
| 87 | 1 | 1 | 98 | -103 | 10 | 3 | 11 | 58 | 59 | 18 | 8 | 3 | 9 | 9 | 9 | 9 | 11 | 12 | 12 |
| 89 | 1 | 1 | 68 | -71 | 14 | 3 | 17 | 66 | 66 | 14 | 8 | 3 | 17 | -17 | 9 | 9 | 34 | 35 | 35 |
| 91 | 1 | 1 | 88 | -73 | 16 | 3 | 11 | 86 | 87 | 16 | 8 | 3 | 17 | -17 | 9 | 9 | 82 | 82 | 82 |
| 93 | 1 | 1 | 68 | -73 | 14 | 3 | 18 | 58 | 58 | 14 | 8 | 3 | 11 | -8 | 9 | 9 | 11 | 12 | 12 |
| 95 | 1 | 1 | 76 | 72 | 10 | 3 | 36 | 25 | -18 | 16 | 8 | 3 | 9 | 21 | 9 | 9 | 13 | 13 | 13 |
| 97 | 1 | 1 | 98 | -103 | 12 | 3 | 11 | 58 | 59 | 18 | 8 | 3 | 9 | 9 | 9 | 9 | 11 | 12 | 12 |
| 99 | 1 | 1 | 68 | -71 | 14 | 3 | 17 | 66 | 66 | 14 | 8 | 3 | 17 | -17 | 9 | 9 | 34 | 35 | 35 |
| 101 | 1 | 1 | 88 | -73 | 16 | 3 | 11 | 86 | 87 | 16 | 8 | 3 | 17 | -17 | 9 | 9 | 82 | 82 | 82 |
| 103 | 1 | 1 | 68 | -73 | 14 | 3 | 18 | 58 | 58 | 14 | 8 | 3 | 11 | -8 | 9 | 9 | 11 | 12 | 12 |

Table 3c (dehyd 2)

| OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 CLIDEHY2 | | | | | | | | | | | | | | PAGE 7 | | |
|--|----|---|-----|------|-----|----|---|----|-----|-----|----|---|----|--------|-----|-----|
| H | K | L | F0 | FC | H | K | L | F0 | FC | H | K | L | F0 | FC | F0 | FC |
| 7 | 11 | 3 | 77 | -75 | -10 | 14 | 3 | 20 | 20 | 14 | 16 | 3 | 14 | 14 | 46 | -44 |
| 9 | 11 | 3 | 50 | 50 | -8 | 14 | 3 | 10 | 10 | -12 | 16 | 3 | 13 | 33 | 38 | 37 |
| 11 | 11 | 3 | 54 | -53 | -4 | 14 | 3 | 79 | 82 | 9 | 17 | 3 | 16 | 55 | 55 | |
| 13 | 11 | 3 | 16 | -15 | -2 | 14 | 3 | 34 | 33 | 22 | 17 | 3 | 18 | 11 | -9 | |
| 15 | 11 | 3 | 21 | 21 | 0 | 14 | 3 | 35 | 33 | -38 | 17 | 3 | 26 | 8 | 8 | |
| 17 | 11 | 3 | 22 | -20 | 4 | 14 | 3 | 28 | 27 | -20 | 17 | 3 | 28 | 15 | 15 | |
| 22 | 12 | 3 | 6 | -5 | 4 | 14 | 3 | 42 | -41 | -13 | 17 | 3 | 16 | 12 | 12 | |
| 20 | 12 | 3 | 78 | -77 | 6 | 14 | 3 | 38 | 37 | -64 | 17 | 3 | 24 | 15 | 15 | |
| 18 | 12 | 3 | 9 | -7 | 8 | 14 | 3 | 16 | 18 | 77 | 17 | 3 | 27 | 15 | 15 | |
| 16 | 12 | 3 | 42 | -40 | 10 | 14 | 3 | 27 | 27 | -8 | 17 | 3 | 41 | 14 | 14 | |
| 14 | 12 | 3 | 24 | -23 | 12 | 14 | 3 | 48 | 47 | 32 | 17 | 3 | 27 | 20 | 20 | |
| 12 | 12 | 3 | 74 | 73 | 14 | 14 | 3 | 17 | 15 | -12 | 17 | 3 | 31 | 31 | 31 | |
| 10 | 12 | 3 | 101 | -103 | 16 | 14 | 3 | 8 | 15 | -32 | 17 | 3 | 12 | 45 | -32 | |
| 8 | 12 | 3 | 32 | 3 | -23 | 15 | 3 | 12 | 10 | -10 | 17 | 3 | 11 | 10 | -20 | |
| 6 | 12 | 3 | 32 | -33 | -21 | 15 | 3 | 17 | 17 | -46 | 17 | 3 | 13 | 16 | 16 | |
| 4 | 12 | 3 | 181 | -185 | -19 | 15 | 3 | 46 | 46 | -32 | 18 | 3 | 16 | 55 | 55 | |
| 2 | 12 | 3 | 10 | 10 | -15 | 15 | 3 | 30 | 31 | -15 | 18 | 3 | 21 | 11 | 11 | |
| 0 | 12 | 3 | 124 | -127 | -13 | 15 | 3 | 14 | 13 | -27 | 18 | 3 | 27 | 29 | 29 | |
| 2 | 12 | 3 | 26 | 27 | -11 | 15 | 3 | 56 | 58 | 17 | 18 | 3 | 19 | 11 | 11 | |
| 4 | 12 | 3 | 45 | 45 | -7 | 15 | 3 | 32 | 31 | -27 | 18 | 3 | 27 | 17 | 17 | |
| 6 | 12 | 3 | 39 | -40 | -9 | 15 | 3 | 10 | 5 | 28 | 18 | 3 | 22 | 11 | 11 | |
| 10 | 12 | 3 | 33 | -32 | -5 | 15 | 3 | 40 | -4 | -35 | 18 | 3 | 22 | 34 | 34 | |
| 12 | 12 | 3 | 34 | -30 | -3 | 15 | 3 | 26 | 24 | -10 | 18 | 3 | 12 | 11 | 11 | |
| 14 | 12 | 3 | 42 | -42 | -1 | 15 | 3 | 25 | 24 | -22 | 18 | 3 | 11 | 17 | 17 | |
| 18 | 12 | 3 | 21 | -20 | 3 | 15 | 3 | 45 | 46 | -21 | 18 | 3 | 12 | 11 | 11 | |
| 21 | 13 | 3 | 10 | 7 | 7 | 15 | 3 | 60 | 60 | -29 | 18 | 3 | 11 | 17 | 17 | |
| 19 | 13 | 3 | 14 | -12 | 9 | 15 | 3 | 52 | 48 | -12 | 18 | 3 | 11 | 11 | 11 | |
| 15 | 13 | 3 | 28 | -27 | 11 | 15 | 3 | 24 | 19 | -45 | 18 | 3 | 10 | 14 | 14 | |
| 13 | 13 | 3 | 43 | -37 | 13 | 15 | 3 | 19 | 19 | -24 | 18 | 3 | 12 | 13 | 13 | |
| 11 | 13 | 3 | 37 | -43 | 15 | 15 | 3 | 33 | 33 | -12 | 18 | 3 | 11 | 11 | 11 | |
| 7 | 13 | 3 | 45 | -8 | 17 | 15 | 3 | 44 | 44 | -14 | 18 | 3 | 11 | 11 | 11 | |
| 5 | 13 | 3 | 10 | 35 | -22 | 16 | 3 | 20 | 21 | -37 | 19 | 3 | 15 | 15 | 15 | |
| 3 | 13 | 3 | 32 | 35 | -20 | 16 | 3 | 29 | 29 | -17 | 19 | 3 | 14 | 18 | 18 | |
| 1 | 13 | 3 | 64 | 63 | -18 | 16 | 3 | 30 | 28 | -15 | 19 | 3 | 18 | 18 | 18 | |
| 6 | 13 | 3 | 9 | 9 | -16 | 16 | 3 | 9 | 7 | -17 | 19 | 3 | 22 | 14 | 14 | |
| 38 | 13 | 3 | 6 | 2 | -14 | 16 | 3 | 19 | 17 | -39 | 19 | 3 | 18 | 16 | 16 | |
| 33 | 13 | 3 | 33 | -35 | -12 | 16 | 3 | 45 | 46 | -29 | 19 | 3 | 14 | 18 | 18 | |
| 35 | 13 | 3 | 52 | -40 | -10 | 16 | 3 | 53 | 54 | -11 | 19 | 3 | 12 | 13 | 13 | |
| 42 | 13 | 3 | 29 | -40 | -8 | 16 | 3 | 34 | 35 | -34 | 19 | 3 | 12 | 12 | 12 | |
| 29 | 13 | 3 | 29 | 25 | -4 | 16 | 3 | 66 | 67 | -5 | 19 | 3 | 18 | 18 | 18 | |
| 21 | 13 | 3 | 30 | -21 | -2 | 16 | 3 | 41 | 40 | -20 | 19 | 3 | 21 | 15 | 15 | |
| 17 | 13 | 3 | 30 | 30 | 0 | 16 | 3 | 19 | 19 | -16 | 19 | 3 | 10 | 10 | 10 | |
| 16 | 13 | 3 | 16 | 16 | 2 | 16 | 3 | 19 | 19 | -26 | 19 | 3 | 10 | 10 | 10 | |
| 14 | 13 | 3 | 40 | 40 | 4 | 16 | 3 | 39 | 40 | -9 | 19 | 3 | 15 | 15 | 15 | |
| 14 | 14 | 3 | 16 | 16 | 6 | 16 | 3 | 19 | 19 | -17 | 19 | 3 | 15 | 15 | 15 | |
| 14 | 14 | 3 | 18 | 18 | 10 | 16 | 3 | 19 | 19 | -19 | 19 | 3 | 13 | 13 | 13 | |
| 14 | 14 | 3 | 18 | 18 | 12 | 16 | 3 | 19 | 19 | -20 | 20 | 3 | 13 | 13 | 13 | |
| 14 | 14 | 3 | 25 | 25 | 12 | 16 | 3 | 20 | 20 | -18 | 20 | 3 | 13 | 13 | 13 | |
| 12 | 14 | 3 | 32 | -27 | 16 | 16 | 3 | 7 | 7 | -11 | 20 | 3 | 6 | 6 | 6 | |

Table 3c (dehyd 2)

| OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MW 05/30/90 CLIDEHY2 | | | | | | | | | | | | PAGE: 8 | | | | | | | |
|--|---|---|-----|------|-----|---|---|-----|------|-----|---|---------|----|-----|-----|----|---|-----|------|
| 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 | 15 | -19 | 0 | 4 | 4 | 40 | 37 | 4 | 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 | 8 | -40 | -9 | 9 | 4 | 21 | -19 |
| .12 | 2 | 4 | 70 | -66 | 10 | 4 | 4 | 20 | -19 | 14 | 6 | 4 | 19 | -21 | -7 | 9 | 4 | 23 | 26 |
| .10 | 2 | 4 | 167 | -164 | 12 | 4 | 4 | 29 | -27 | 16 | 6 | 4 | 14 | -13 | -5 | 9 | 4 | 43 | 45 |
| .08 | 2 | 4 | 61 | 59 | 14 | 4 | 4 | 18 | -16 | 18 | 6 | 4 | 25 | 23 | -1 | 9 | 4 | 61 | 62 |
| .06 | 2 | 4 | 28 | 25 | -25 | 5 | 4 | 8 | -9 | -23 | 7 | 4 | 17 | -16 | 1 | 9 | 4 | 25 | -25 |
| .04 | 2 | 4 | 54 | -53 | -23 | 5 | 4 | 26 | 28 | -21 | 7 | 4 | 46 | -48 | 5 | 9 | 4 | 42 | 41 |
| .02 | 2 | 4 | 71 | 68 | -21 | 5 | 4 | 35 | -36 | -17 | 7 | 4 | 9 | -8 | 7 | 9 | 4 | 25 | 41 |
| .00 | 2 | 4 | 13 | -15 | -19 | 5 | 4 | 107 | 108 | -15 | 7 | 4 | 13 | -13 | 11 | 9 | 4 | 43 | 45 |
| .19 | 2 | 4 | 40 | -38 | -17 | 5 | 4 | 6 | 5 | -11 | 7 | 4 | 8 | -6 | 13 | 9 | 4 | 43 | 41 |
| .17 | 2 | 4 | 67 | -70 | -15 | 5 | 4 | 68 | 70 | -5 | 7 | 4 | 80 | -83 | 17 | 9 | 4 | 41 | 41 |
| .15 | 2 | 4 | 39 | -40 | -13 | 5 | 4 | 44 | 45 | -3 | 7 | 4 | 59 | -62 | -24 | 10 | 4 | 43 | 41 |
| .13 | 2 | 4 | 20 | 20 | -9 | 5 | 4 | 91 | -90 | 5 | 7 | 4 | 87 | -89 | 10 | 9 | 4 | 16 | 16 |
| .11 | 2 | 4 | 99 | -101 | -7 | 5 | 4 | 43 | 42 | 7 | 7 | 4 | 19 | -18 | -20 | 10 | 4 | 17 | 17 |
| .09 | 2 | 4 | 12 | 7 | -5 | 5 | 4 | 60 | -60 | 9 | 7 | 4 | 8 | -6 | 16 | 10 | 4 | 30 | 40 |
| .07 | 2 | 4 | 85 | -81 | -3 | 5 | 4 | 52 | 93 | 7 | 7 | 4 | 34 | 36 | -14 | 10 | 4 | 40 | 40 |
| .05 | 2 | 4 | 159 | -162 | -1 | 5 | 4 | 49 | 49 | 9 | 7 | 4 | 39 | -39 | -12 | 10 | 4 | 18 | 17 |
| .03 | 2 | 4 | 37 | 36 | 7 | 5 | 4 | 80 | 78 | 15 | 7 | 4 | 47 | -46 | -10 | 10 | 4 | 14 | 12 |
| .01 | 2 | 4 | 155 | -153 | 9 | 5 | 4 | 107 | -108 | -24 | 8 | 4 | 37 | -38 | -4 | 10 | 4 | 69 | 69 |
| .11 | 3 | 3 | 93 | -94 | 11 | 5 | 4 | 51 | 51 | -22 | 8 | 4 | 10 | 9 | 0 | 10 | 4 | 127 | -169 |
| .09 | 3 | 3 | 19 | -18 | 13 | 5 | 4 | 23 | 22 | -20 | 8 | 4 | 9 | -9 | 2 | 10 | 4 | 18 | 15 |
| .07 | 3 | 3 | 8 | 5 | 15 | 5 | 4 | 93 | 92 | -16 | 8 | 4 | 36 | -36 | 4 | 10 | 4 | 69 | 72 |
| .05 | 3 | 3 | 20 | 22 | 17 | 5 | 4 | 32 | -33 | -12 | 8 | 4 | 71 | -69 | 6 | 10 | 4 | 85 | 85 |
| .03 | 3 | 3 | 39 | 38 | 19 | 5 | 4 | 26 | 27 | -14 | 8 | 4 | 28 | -27 | 8 | 10 | 4 | 18 | 17 |
| .01 | 3 | 3 | 66 | -64 | -26 | 6 | 4 | 13 | 11 | -10 | 8 | 4 | 83 | -85 | 10 | 10 | 4 | 37 | 37 |
| .11 | 3 | 3 | 34 | 34 | -24 | 6 | 4 | 20 | 21 | -8 | 8 | 4 | 11 | -7 | 12 | 10 | 4 | 8 | -7 |
| .09 | 3 | 3 | 16 | -16 | -22 | 6 | 4 | 8 | -5 | -6 | 8 | 4 | 11 | 7 | 14 | 10 | 4 | 18 | -18 |
| .07 | 3 | 3 | 29 | -27 | -20 | 6 | 4 | 46 | -45 | -4 | 8 | 4 | 44 | 46 | -25 | 11 | 4 | 14 | 11 |
| .05 | 3 | 3 | 51 | -52 | -16 | 6 | 4 | 68 | 72 | 0 | 8 | 4 | 42 | -40 | -21 | 11 | 4 | 11 | -11 |
| .03 | 3 | 3 | 30 | -30 | -14 | 6 | 4 | 22 | 23 | 2 | 8 | 4 | 30 | -29 | -19 | 11 | 4 | 13 | -14 |
| .01 | 3 | 3 | 82 | -81 | -12 | 6 | 4 | 56 | -56 | 4 | 8 | 4 | 57 | -55 | -15 | 11 | 4 | 52 | -56 |
| .12 | 4 | 4 | 30 | 31 | -10 | 6 | 4 | 56 | 55 | 6 | 8 | 4 | 8 | -8 | -13 | 11 | 4 | 43 | 49 |
| .10 | 4 | 4 | 62 | 61 | -8 | 6 | 4 | 7 | 6 | 10 | 8 | 4 | 71 | -70 | -9 | 11 | 4 | 35 | -34 |
| .08 | 4 | 4 | 44 | 43 | -6 | 6 | 4 | 41 | 41 | 12 | 8 | 4 | 25 | -24 | -7 | 11 | 4 | 26 | 28 |
| .06 | 4 | 4 | 44 | 43 | -6 | 6 | 4 | 41 | 41 | 12 | 8 | 4 | 25 | -24 | -7 | 11 | 4 | 26 | 28 |
| .04 | 4 | 4 | 44 | 43 | -6 | 6 | 4 | 41 | 41 | 12 | 8 | 4 | 25 | -24 | -7 | 11 | 4 | 26 | 28 |
| .02 | 4 | 4 | 44 | 43 | -6 | 6 | 4 | 41 | 41 | 12 | 8 | 4 | 25 | -24 | -7 | 11 | 4 | 26 | 28 |
| .00 | 4 | 4 | 44 | 43 | -6 | 6 | 4 | 41 | 41 | 12 | 8 | 4 | 25 | -24 | -7 | 11 | 4 | 26 | 28 |
| .19 | 4 | 4 | 44 | 43 | -6 | 6 | 4 | 41 | 41 | 12 | 8 | 4 | 25 | -24 | -7 | 11 | 4 | 26 | 28 |
| .17 | 4 | 4 | 44 | 43 | -6 | 6 | 4 | 41 | 41 | 12 | 8 | 4 | 25 | -24 | -7 | 11 | 4 | 26 | 28 |
| .15 | 4 | 4 | 44 | 43 | -6 | 6 | 4 | 41 | 41 | 12 | 8 | 4 | 25 | -24 | -7 | 11 | 4 | 26 | 28 |
| .13 | 4 | 4 | 44 | 43 | -6 | 6 | 4 | 41 | 41 | 12 | 8 | 4 | 25 | -24 | -7 | 11 | 4 | 26 | 28 |
| .11 | 4 | 4 | 44 | 43 | -6 | 6 | 4 | 41 | 41 | 12 | 8 | 4 | 25 | -24 | -7 | 11 | 4 | 26 | 28 |
| .09 | 4 | 4 | 44 | 43 | -6 | 6 | 4 | 41 | 41 | 12 | 8 | 4 | 25 | -24 | -7 | 11 | 4 | 26 | 28 |
| .07 | 4 | 4 | 44 | 43 | -6 | 6 | 4 | 41 | 41 | 12 | 8 | 4 | 25 | -24 | -7 | 11 | 4 | 26 | 28 |
| .05 | 4 | 4 | 44 | 43 | -6 | 6 | 4 | 41 | 41 | 12 | 8 | 4 | 25 | -24 | -7 | 11 | 4 | 26 | 28 |
| .03 | 4 | 4 | 44 | 43 | -6 | 6 | 4 | 41 | 41 | 12 | 8 | 4 | 25 | -24 | -7 | 11 | 4 | 26 | 28 |
| .01 | 4 | 4 | 44 | 43 | -6 | 6 | 4 | 41 | 41 | 12 | 8 | 4 | 25 | -24 | -7 | 11 | 4 | 26 | 28 |

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 | 16 |
| -16 | 14 | 4 | 23 | 18 | -21 | 17 | 4 | 26 | -26 | -8 | 20 | 4 | 9 | 10 | 24 | 4 | 22 | 22 | |
| -10 | 14 | 4 | 57 | 55 | -17 | 17 | 4 | 10 | 10 | -6 | 20 | 4 | 12 | -13 | 4 | 24 | 4 | 37 | 37 |
| -8 | 14 | 4 | 19 | -20 | -13 | 17 | 4 | 60 | -58 | -4 | 20 | 4 | 33 | 33 | 6 | 24 | 4 | 13 | 13 |
| -4 | 14 | 4 | 45 | -44 | -11 | 17 | 4 | 11 | -10 | -2 | 20 | 4 | 41 | -39 | -7 | 25 | 4 | 16 | 16 |
| 2 | 14 | 4 | 9 | -5 | -9 | 17 | 4 | 15 | 14 | 0 | 20 | 4 | 26 | -26 | -3 | 25 | 4 | 12 | 12 |
| 4 | 14 | 4 | 32 | 33 | -7 | 17 | 4 | 44 | 46 | 6 | 20 | 4 | 35 | 36 | -1 | 25 | 4 | 14 | 14 |
| 4 | 14 | 4 | 12 | 11 | -5 | 17 | 4 | 21 | -20 | 8 | 20 | 4 | 11 | 15 | -3 | 25 | 4 | 20 | 20 |
| 4 | 14 | 4 | 37 | 37 | -3 | 17 | 4 | 78 | -78 | -19 | 21 | 4 | 11 | 11 | -10 | 26 | 4 | 13 | 13 |
| 4 | 14 | 4 | 38 | 36 | -1 | 17 | 4 | 28 | -25 | -17 | 21 | 4 | 10 | 9 | -6 | 26 | 4 | 17 | 17 |
| 4 | 14 | 4 | 15 | -16 | -1 | 17 | 4 | 31 | -32 | -11 | 21 | 4 | 8 | 6 | -4 | 26 | 4 | 13 | 13 |
| 4 | 14 | 4 | 11 | 11 | 3 | 17 | 4 | 28 | -27 | -7 | 21 | 4 | 12 | -13 | -2 | 26 | 4 | 9 | 9 |
| 4 | 14 | 4 | 21 | -20 | 5 | 17 | 4 | 32 | -32 | -3 | 21 | 4 | 14 | -13 | 0 | 26 | 4 | 11 | 11 |
| 4 | 14 | 4 | 11 | 11 | 7 | 17 | 4 | 47 | 46 | -1 | 21 | 4 | 14 | -13 | 0 | 26 | 4 | 9 | 9 |
| 4 | 14 | 4 | 14 | -14 | 9 | 17 | 4 | 11 | -11 | 9 | 21 | 4 | 32 | -30 | -28 | 26 | 4 | 17 | 17 |
| 4 | 14 | 4 | 11 | 10 | 11 | 17 | 4 | 11 | 11 | 5 | 21 | 4 | 10 | 7 | -20 | 26 | 4 | 17 | 17 |
| 4 | 14 | 4 | 34 | 32 | -16 | 18 | 4 | 28 | -29 | 9 | 21 | 4 | 8 | -21 | -18 | 26 | 4 | 36 | 32 |
| 4 | 14 | 4 | 19 | 18 | -16 | 18 | 4 | 15 | -36 | -6 | 22 | 4 | 14 | -18 | -16 | 26 | 4 | 11 | 11 |
| 4 | 14 | 4 | 35 | 35 | -14 | 18 | 4 | 17 | 16 | -14 | 22 | 4 | 12 | -15 | -14 | 26 | 4 | 14 | 14 |
| 4 | 14 | 4 | 28 | -27 | -12 | 18 | 4 | 27 | -25 | -10 | 22 | 4 | 57 | -57 | -8 | 26 | 4 | 17 | 17 |
| 4 | 14 | 4 | 7 | 6 | -10 | 18 | 4 | 18 | 16 | -8 | 22 | 4 | 12 | 11 | -10 | 26 | 4 | 14 | 14 |
| 4 | 14 | 4 | 51 | -51 | -8 | 18 | 4 | 15 | -45 | -6 | 22 | 4 | 14 | -15 | -12 | 26 | 4 | 14 | 14 |
| 4 | 14 | 4 | 78 | 77 | -7 | 18 | 4 | 16 | 14 | -4 | 22 | 4 | 14 | -15 | -14 | 26 | 4 | 14 | 14 |
| 4 | 14 | 4 | 11 | 13 | -6 | 18 | 4 | 16 | 14 | -6 | 22 | 4 | 13 | -36 | -4 | 26 | 4 | 13 | 13 |
| 4 | 14 | 4 | 79 | 78 | -4 | 18 | 4 | 38 | -37 | -2 | 22 | 4 | 33 | -36 | -2 | 26 | 4 | 48 | 48 |
| 4 | 14 | 4 | 58 | -60 | 0 | 18 | 4 | 70 | -70 | 0 | 22 | 4 | 49 | -49 | 0 | 26 | 4 | 193 | 194 |
| 4 | 14 | 4 | 9 | 5 | 2 | 18 | 4 | 31 | -30 | 2 | 22 | 4 | 27 | -27 | 0 | 26 | 4 | 28 | 28 |
| 4 | 14 | 4 | 16 | -17 | 4 | 18 | 4 | 8 | 7 | 4 | 22 | 4 | 16 | -41 | 6 | 26 | 4 | 168 | 168 |
| 4 | 14 | 4 | 41 | 40 | 6 | 18 | 4 | 14 | 13 | 4 | 22 | 4 | 27 | -27 | 4 | 26 | 4 | 47 | 47 |
| 4 | 14 | 4 | 15 | 15 | 8 | 18 | 4 | 44 | -44 | 8 | 22 | 4 | 41 | -41 | 0 | 26 | 4 | 57 | 57 |
| 4 | 14 | 4 | 25 | 24 | -21 | 19 | 4 | 35 | -35 | -15 | 23 | 4 | 21 | -21 | 0 | 26 | 4 | 13 | 13 |
| 4 | 14 | 4 | 29 | 30 | 10 | 19 | 4 | 22 | -24 | 15 | 23 | 4 | 6 | 4 | 0 | 26 | 4 | 47 | 47 |
| 4 | 14 | 4 | 14 | 13 | -17 | 19 | 4 | 13 | 12 | -9 | 23 | 4 | 21 | -21 | 0 | 26 | 4 | 29 | 29 |
| 4 | 14 | 4 | 14 | 13 | -15 | 19 | 4 | 24 | -24 | -11 | 23 | 4 | 27 | -27 | 0 | 26 | 4 | 35 | 35 |
| 4 | 14 | 4 | 13 | -11 | -13 | 19 | 4 | 16 | 16 | -5 | 23 | 4 | 43 | -44 | -15 | 25 | 4 | 11 | 11 |
| 4 | 14 | 4 | 6 | -7 | -9 | 19 | 4 | 42 | -42 | 3 | 23 | 4 | 10 | 8 | -11 | 25 | 4 | 61 | 61 |
| 4 | 14 | 4 | 17 | -17 | -7 | 19 | 4 | 30 | 30 | -1 | 23 | 4 | 22 | -22 | -9 | 25 | 4 | 77 | 77 |
| 4 | 14 | 4 | 12 | -14 | -5 | 19 | 4 | 11 | 12 | 7 | 23 | 4 | 16 | -17 | -7 | 25 | 4 | 77 | 77 |
| 4 | 14 | 4 | 33 | -32 | -3 | 19 | 4 | 43 | -44 | 5 | 23 | 4 | 27 | -25 | -5 | 25 | 4 | 32 | 32 |
| 4 | 14 | 4 | 27 | -27 | -1 | 19 | 4 | 30 | 31 | 7 | 23 | 4 | 16 | -17 | -7 | 25 | 4 | 47 | 47 |
| 4 | 14 | 4 | 29 | -29 | 3 | 19 | 4 | 13 | -14 | -10 | 24 | 4 | 17 | -16 | -3 | 25 | 4 | 32 | 32 |
| 4 | 14 | 4 | 30 | -34 | -1 | 19 | 4 | 43 | -44 | 7 | 24 | 4 | 16 | -16 | -5 | 25 | 4 | 47 | 47 |
| 4 | 14 | 4 | 29 | -36 | 3 | 19 | 4 | 27 | -28 | -8 | 24 | 4 | 18 | -18 | -1 | 25 | 4 | 32 | 32 |
| 4 | 14 | 4 | 34 | -36 | 5 | 19 | 4 | 25 | -25 | -10 | 24 | 4 | 18 | -18 | -3 | 25 | 4 | 42 | 42 |
| 4 | 14 | 4 | 36 | -36 | 9 | 19 | 4 | 21 | -21 | -6 | 24 | 4 | 26 | -24 | -1 | 25 | 4 | 42 | 42 |
| 4 | 14 | 4 | 11 | -9 | 11 | 19 | 4 | 20 | 21 | -4 | 24 | 4 | 15 | -15 | 1 | 25 | 4 | 18 | 18 |

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 |
| -6 | 4 | 5 | 35 | 38 | 12 | 6 | 5 | 44 | -43 | 9 | 5 | 5 | 23 | -23 |
| -4 | 4 | 5 | 101 | 104 | 14 | 6 | 5 | 19 | 19 | 9 | 5 | 53 | 54 | -22 |
| 0 | 4 | 5 | 39 | -36 | 16 | 6 | 5 | 20 | -18 | 9 | 5 | 35 | 34 | -20 |
| -2 | 4 | 5 | 102 | 103 | -27 | 7 | 5 | 22 | -23 | 9 | 5 | 44 | -47 | -18 |
| 2 | 4 | 5 | 26 | 23 | -25 | 7 | 5 | 12 | -13 | 9 | 5 | 113 | 114 | -16 |
| 4 | 4 | 5 | 9 | 8 | -23 | 7 | 5 | 41 | -42 | 9 | 5 | 110 | -112 | -14 |
| 4 | 4 | 5 | 41 | 42 | -21 | 7 | 5 | 29 | -29 | 9 | 5 | 9 | -4 | -10 |
| 6 | 4 | 5 | 55 | -58 | -19 | 7 | 5 | 13 | 12 | 9 | 5 | 20 | 20 | -8 |
| 8 | 4 | 5 | 31 | 32 | -17 | 7 | 5 | 14 | 13 | 9 | 5 | 52 | 53 | -6 |
| 10 | 4 | 5 | 22 | 20 | -15 | 7 | 5 | 22 | 23 | 9 | 5 | 21 | 21 | -4 |
| 14 | 4 | 5 | 29 | 28 | -13 | 7 | 5 | 19 | -19 | 9 | 5 | 31 | 32 | -2 |
| 16 | 4 | 5 | 39 | 40 | -11 | 7 | 5 | 84 | -85 | 9 | 5 | 20 | 20 | 0 |
| 27 | 5 | 5 | 29 | 29 | -9 | 7 | 5 | 78 | -79 | 9 | 5 | 57 | 56 | 6 |
| 23 | 5 | 5 | 24 | 24 | -7 | 7 | 5 | 51 | -50 | 9 | 5 | 24 | 24 | 8 |
| 21 | 5 | 5 | 46 | 47 | -5 | 7 | 5 | 66 | -66 | 9 | 5 | 55 | 56 | 10 |
| 19 | 5 | 5 | 16 | 14 | -3 | 7 | 5 | 23 | 22 | 9 | 5 | 30 | 29 | 12 |
| 17 | 5 | 5 | 27 | 27 | -1 | 7 | 5 | 47 | -47 | 9 | 5 | 63 | 65 | -23 |
| 15 | 5 | 5 | 41 | -41 | 1 | 7 | 5 | 30 | 28 | 9 | 5 | 38 | -38 | -19 |
| 13 | 5 | 5 | 37 | 34 | 3 | 7 | 5 | 51 | -50 | 9 | 5 | 62 | 65 | -17 |
| 11 | 5 | 5 | 56 | 58 | 5 | 7 | 5 | 21 | -22 | 9 | 5 | 33 | -31 | -15 |
| 9 | 5 | 5 | 22 | 19 | 7 | 7 | 5 | 12 | -13 | 9 | 5 | 20 | -21 | -13 |
| 7 | 5 | 5 | 196 | 195 | 9 | 7 | 5 | 36 | -36 | 9 | 5 | 15 | -17 | -11 |
| 5 | 5 | 5 | 124 | -126 | 11 | 7 | 5 | 9 | -8 | 9 | 5 | 14 | 11 | -9 |
| 5 | 5 | 5 | 122 | 123 | 13 | 7 | 5 | 31 | -32 | 9 | 5 | 77 | 79 | -7 |
| 5 | 5 | 5 | 116 | -119 | 15 | 7 | 5 | 13 | 6 | 9 | 5 | 14 | 11 | -5 |
| 5 | 5 | 5 | 13 | 14 | -26 | 8 | 5 | 7 | -11 | 9 | 5 | 70 | 70 | -3 |
| 5 | 5 | 5 | 64 | 65 | -24 | 8 | 5 | 21 | -19 | 9 | 5 | 29 | -30 | -1 |
| 5 | 5 | 5 | 15 | -14 | -22 | 8 | 5 | 7 | -7 | 9 | 5 | 31 | -34 | 1 |
| 5 | 5 | 5 | 100 | 101 | -20 | 8 | 5 | 15 | -15 | 9 | 5 | 46 | -47 | 3 |
| 5 | 5 | 5 | 28 | 29 | -16 | 8 | 5 | 41 | -44 | 9 | 5 | 58 | 55 | 5 |
| 5 | 5 | 5 | 24 | 24 | -14 | 8 | 5 | 12 | -11 | 9 | 5 | 8 | -4 | 7 |
| 5 | 5 | 5 | 26 | -25 | -12 | 8 | 5 | 53 | -51 | 9 | 5 | 11 | -11 | -1 |
| 5 | 5 | 5 | 14 | 14 | -10 | 8 | 5 | 87 | -88 | 9 | 5 | 28 | 26 | -1 |
| 5 | 5 | 5 | 14 | 15 | -8 | 8 | 5 | 7 | -5 | 9 | 5 | 11 | -12 | 1 |
| 5 | 5 | 5 | 59 | -58 | -6 | 8 | 5 | 59 | 60 | 9 | 5 | 14 | 11 | -2 |
| 20 | 6 | 6 | 17 | 16 | -4 | 8 | 6 | 13 | 13 | 9 | 6 | 7 | 6 | -2 |
| 18 | 6 | 6 | 10 | 8 | -2 | 8 | 6 | 80 | -78 | 9 | 6 | 39 | -37 | -2 |
| 16 | 6 | 6 | 34 | -34 | 0 | 8 | 6 | 60 | 62 | 9 | 6 | 61 | 62 | -1 |
| 14 | 6 | 6 | 45 | 45 | 2 | 8 | 6 | 27 | -63 | 9 | 6 | 23 | -23 | -1 |
| 12 | 6 | 6 | 51 | -52 | 4 | 8 | 6 | 27 | 27 | 9 | 6 | 26 | -26 | -1 |
| 10 | 6 | 6 | 63 | -65 | 8 | 8 | 6 | 13 | 13 | 9 | 6 | 30 | -25 | -1 |
| 8 | 6 | 6 | 51 | 51 | 10 | 8 | 6 | 26 | -25 | 9 | 6 | 36 | 36 | -1 |
| 6 | 6 | 6 | 75 | -75 | 12 | 8 | 6 | 16 | -16 | 9 | 6 | 9 | -14 | -1 |
| 4 | 6 | 6 | 17 | 16 | 14 | 8 | 6 | 21 | -20 | 9 | 6 | 18 | 17 | -1 |
| 2 | 6 | 6 | 51 | 52 | 16 | 8 | 6 | 16 | -16 | 9 | 6 | 30 | 31 | -1 |
| 0 | 6 | 6 | 65 | -65 | 23 | 9 | 6 | 34 | 34 | 9 | 6 | 59 | 60 | -1 |
| -2 | 6 | 6 | 26 | -29 | -21 | 9 | 6 | 33 | 35 | 9 | 6 | 16 | 16 | -1 |
| -4 | 6 | 6 | 41 | -41 | -19 | 9 | 6 | 25 | -24 | 9 | 6 | 22 | -16 | -1 |

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 | 10 | -8 | -7 | 1 | 6 | 88 | 85 | -4 | 13 | 14 |
| -18 | 18 | 5 | 13 | -13 | -16 | 22 | 7 | -6 | -5 | 1 | 6 | 82 | -87 | -2 | 12 | -11 |
| -16 | 18 | 5 | 40 | -40 | -14 | 22 | 54 | -52 | -3 | 1 | 6 | 59 | 60 | 0 | 26 | -26 |
| -14 | 18 | 5 | 42 | -42 | -12 | 22 | 26 | 16 | -1 | 1 | 6 | 13 | 12 | 4 | 9 | -8 |
| -12 | 18 | 5 | 51 | -49 | -10 | 22 | 16 | -16 | -1 | 1 | 6 | 17 | -12 | 4 | 8 | 9 |
| -10 | 18 | 5 | 38 | 37 | -8 | 22 | 21 | 22 | 3 | 3 | 6 | 64 | 67 | 6 | 10 | 14 |
| -8 | 18 | 5 | 11 | -7 | -6 | 22 | 7 | 6 | 5 | 5 | 6 | 43 | -43 | 8 | 15 | 9 |
| -6 | 18 | 5 | 11 | 6 | -4 | 22 | 30 | -32 | 7 | 7 | 6 | 20 | -43 | 8 | 15 | 6 |
| -2 | 18 | 5 | 11 | -9 | 0 | 22 | 47 | -48 | 13 | 1 | 6 | 19 | 20 | 10 | 7 | 6 |
| 0 | 18 | 5 | 8 | -6 | 4 | 22 | 17 | -17 | 15 | 1 | 6 | 17 | 21 | 12 | 44 | 6 |
| 2 | 18 | 5 | 36 | -35 | -15 | 23 | 30 | -27 | -28 | 2 | 6 | 13 | -18 | 14 | 44 | 43 |
| 4 | 18 | 5 | 35 | 36 | -13 | 23 | 8 | -25 | -26 | 2 | 6 | 15 | 14 | -27 | 13 | 13 |
| 6 | 18 | 5 | 34 | -32 | -9 | 23 | 25 | -5 | -18 | 2 | 6 | 39 | -36 | -25 | 16 | -17 |
| 8 | 18 | 5 | 14 | 14 | -7 | 23 | 26 | -23 | -16 | 2 | 6 | 15 | -15 | -19 | 31 | -50 |
| -19 | 19 | 5 | 23 | -14 | -5 | 23 | 17 | 15 | -14 | 2 | 6 | 25 | -25 | -17 | 21 | -21 |
| -17 | 19 | 5 | 14 | 23 | -5 | 23 | 17 | 16 | -12 | 2 | 6 | 12 | -15 | -17 | 12 | -10 |
| -15 | 19 | 5 | 16 | -15 | 5 | 23 | 17 | 16 | -10 | 2 | 6 | 52 | -53 | -13 | 85 | 85 |
| -9 | 19 | 5 | 46 | 46 | -14 | 24 | 29 | -5 | -8 | 2 | 6 | 68 | -68 | -9 | 13 | 12 |
| -7 | 19 | 5 | 14 | 14 | -6 | 24 | 6 | -5 | -6 | 2 | 6 | 85 | -84 | -7 | 9 | -8 |
| -5 | 19 | 5 | 20 | -6 | 0 | 24 | 28 | -29 | -4 | 2 | 6 | 31 | -32 | -5 | 77 | -79 |
| -3 | 19 | 5 | 6 | 19 | -2 | 24 | 20 | 21 | -2 | 2 | 6 | 42 | 41 | -1 | 13 | 10 |
| -1 | 19 | 5 | 12 | -12 | -7 | 25 | 8 | 9 | 0 | 4 | 6 | 42 | -44 | 1 | 11 | 92 |
| 1 | 19 | 5 | 21 | 22 | -22 | 25 | 15 | -13 | 6 | 6 | 6 | 41 | -44 | 1 | 69 | 11 |
| 3 | 19 | 5 | 22 | -22 | -21 | 25 | 11 | -17 | 4 | 2 | 6 | 15 | -14 | 3 | 12 | 11 |
| 5 | 19 | 5 | 30 | 29 | -20 | 29 | 118 | 116 | -25 | 3 | 6 | 26 | -25 | 7 | 9 | 70 |
| 7 | 19 | 5 | 36 | 37 | -18 | 30 | 11 | -11 | -25 | 3 | 6 | 31 | -31 | 7 | 9 | 9 |
| 9 | 19 | 5 | 27 | 26 | -16 | 30 | 9 | -6 | -17 | 3 | 6 | 21 | -20 | 11 | 35 | -36 |
| -18 | 20 | 5 | 26 | 24 | -14 | 30 | 9 | 70 | -15 | 5 | 6 | 9 | -7 | 15 | 18 | 17 |
| -16 | 20 | 5 | 13 | 14 | -12 | 30 | 71 | -43 | -9 | 5 | 6 | 27 | -29 | 15 | 37 | 29 |
| -14 | 20 | 5 | 16 | 17 | -10 | 30 | 43 | 115 | -7 | 5 | 6 | 21 | -23 | 15 | 18 | 17 |
| -12 | 20 | 5 | 20 | -20 | -8 | 30 | 72 | 88 | -5 | 3 | 6 | 66 | -57 | -22 | 33 | -31 |
| -10 | 20 | 5 | 11 | -10 | -6 | 30 | 85 | 82 | -3 | 3 | 6 | 56 | -66 | -20 | 7 | -7 |
| -8 | 20 | 5 | 11 | 11 | -4 | 30 | 79 | 82 | -1 | 3 | 6 | 17 | -15 | -18 | 24 | -25 |
| -6 | 20 | 5 | 13 | -12 | -4 | 30 | 66 | 68 | 3 | 3 | 6 | 14 | -16 | -16 | 26 | -25 |
| -4 | 20 | 5 | 22 | 21 | -2 | 30 | 59 | -61 | 5 | 3 | 6 | 87 | -85 | -12 | 25 | -25 |
| -2 | 20 | 5 | 18 | 17 | 0 | 30 | 36 | 35 | 13 | 3 | 6 | 61 | -61 | -14 | 15 | -14 |
| 0 | 20 | 5 | 11 | 12 | 2 | 30 | 32 | 31 | 5 | 3 | 6 | 43 | -42 | -10 | 62 | -63 |
| 2 | 20 | 5 | 11 | 9 | 4 | 30 | 41 | 42 | -26 | 4 | 6 | 8 | 7 | -8 | 51 | 52 |
| 4 | 20 | 5 | 13 | 13 | 6 | 30 | 9 | 10 | -24 | 4 | 6 | 13 | 13 | 8 | 62 | 62 |
| 6 | 20 | 5 | 14 | -14 | 14 | 30 | 9 | 11 | -22 | 4 | 6 | 8 | 14 | -6 | 7 | 51 |
| 8 | 20 | 5 | 16 | -14 | -27 | 30 | 12 | 11 | -22 | 4 | 6 | 45 | 45 | -4 | 35 | 7 |
| -9 | 21 | 5 | 29 | -28 | -25 | 30 | 10 | 11 | -22 | 4 | 6 | 23 | 24 | -6 | 75 | -36 |
| -7 | 21 | 5 | 12 | -20 | -19 | 30 | 24 | -10 | -16 | 4 | 6 | 15 | 14 | 0 | 40 | -119 |
| -3 | 21 | 5 | 21 | -12 | -15 | 30 | 18 | 24 | -14 | 4 | 6 | 17 | -17 | 2 | 16 | -41 |
| -1 | 21 | 5 | 21 | -19 | -13 | 30 | 22 | -21 | -12 | 4 | 6 | 25 | -24 | 4 | 19 | -58 |
| 1 | 21 | 5 | 25 | -24 | -11 | 30 | 9 | 9 | -10 | 4 | 6 | 53 | 55 | 6 | 87 | 85 |
| 3 | 21 | 5 | 38 | -35 | -9 | 30 | 80 | -80 | -6 | 4 | 6 | 38 | 40 | 10 | 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 | -6 | 16 | 6 | 26 | -27 |
| 7 | 9 | 6 | 19 | -18 | 6 | 12 | 6 | 39 | -40 | -8 | 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 | -3 | 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 | 7 | -4 |
| 6 | 10 | 6 | 20 | 20 | 7 | 13 | 6 | 31 | 32 | -3 | 17 | 6 | 20 | -19 |
| 8 | 10 | 6 | 21 | 22 | -20 | 14 | 6 | 20 | -19 | -1 | 17 | 6 | 43 | -41 |
| 10 | 10 | 6 | 29 | 17 | -18 | 14 | 6 | 34 | 35 | 3 | 17 | 6 | 30 | -29 |
| 12 | 10 | 6 | 15 | 17 | -16 | 14 | 6 | 21 | -20 | 7 | 17 | 6 | 12 | -11 |
| -25 | 11 | 6 | 17 | 16 | -14 | 14 | 6 | 17 | -17 | 9 | 17 | 6 | 10 | 11 |
| -23 | 11 | 6 | 34 | -33 | -12 | 14 | 6 | 22 | 21 | -18 | 18 | 6 | 28 | 27 |
| -21 | 11 | 6 | 44 | 43 | -8 | 14 | 6 | 43 | 43 | -14 | 18 | 6 | 11 | -7 |
| -19 | 11 | 6 | 27 | -27 | -6 | 14 | 6 | 25 | 26 | -12 | 18 | 6 | 21 | -20 |
| -17 | 11 | 6 | 12 | -12 | -4 | 14 | 6 | 20 | 21 | -10 | 18 | 6 | 34 | 33 |
| -13 | 11 | 6 | 29 | 30 | -2 | 14 | 6 | 12 | -12 | -8 | 18 | 6 | 44 | -44 |
| -9 | 11 | 6 | 51 | -50 | 0 | 14 | 6 | 8 | -2 | -6 | 18 | 6 | 16 | 12 |
| -7 | 11 | 6 | 40 | 40 | 2 | 14 | 6 | 28 | -28 | -4 | 18 | 6 | 14 | 12 |
| -5 | 11 | 6 | 40 | -40 | 2 | 14 | 6 | 26 | 28 | -2 | 18 | 6 | 16 | 12 |
| -3 | 11 | 6 | 29 | -27 | 8 | 14 | 6 | 15 | 14 | 0 | 18 | 6 | 28 | -30 |
| 1 | 11 | 6 | 34 | -34 | 10 | 14 | 6 | 21 | 22 | 2 | 18 | 6 | 41 | 40 |
| 3 | 11 | 6 | 62 | 64 | -17 | 15 | 6 | 35 | 37 | 4 | 18 | 6 | 26 | -27 |
| 5 | 11 | 6 | 51 | -52 | -15 | 15 | 6 | 37 | 35 | -19 | 19 | 6 | 33 | 33 |
| 7 | 11 | 6 | 33 | 35 | -13 | 15 | 6 | 11 | 10 | -15 | 19 | 6 | 30 | 29 |
| 11 | 11 | 6 | 21 | -22 | -11 | 15 | 6 | 42 | 44 | -13 | 19 | 6 | 43 | 42 |
| 13 | 11 | 6 | 20 | 21 | -9 | 15 | 6 | 33 | -32 | -11 | 19 | 6 | 16 | -14 |
| -22 | 12 | 6 | 65 | -67 | -5 | 15 | 6 | 33 | 30 | -9 | 19 | 6 | 19 | -17 |
| -20 | 12 | 6 | 10 | 8 | -3 | 15 | 6 | 73 | -37 | -7 | 19 | 6 | 11 | 11 |
| -18 | 12 | 6 | 12 | 12 | -1 | 15 | 6 | 48 | 72 | -5 | 19 | 6 | 11 | -13 |
| -16 | 12 | 6 | 17 | -16 | 1 | 15 | 6 | 21 | 48 | -3 | 19 | 6 | 34 | 34 |
| -14 | 12 | 6 | 98 | 97 | 3 | 15 | 6 | 48 | 18 | -1 | 19 | 6 | 11 | 12 |
| -12 | 12 | 6 | 75 | -76 | 5 | 15 | 6 | 21 | 18 | 1 | 19 | 6 | 47 | 46 |
| -10 | 12 | 6 | 14 | 15 | 7 | 15 | 6 | 34 | 33 | 5 | 19 | 6 | 28 | 28 |
| -8 | 12 | 6 | 16 | -14 | 7 | 15 | 6 | 25 | -26 | 5 | 19 | 6 | 18 | 17 |
| -6 | 12 | 6 | 79 | -82 | -22 | 16 | 6 | 13 | 13 | -18 | 20 | 6 | 9 | -9 |
| | | | | | -18 | 16 | 6 | 29 | -29 | -12 | 20 | 6 | 18 | 17 |

Table 3c (dehyd 2)

| OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 CLIDEHY2 | | | | | | | | | | | | | | | | | PAGE 13 | | |
|--|---|---|----|-----|-----|---|---|----|-----|-----|----|---|----|-----|-----|----|---------|----|-----|
| H | K | L | F0 | FC | H | K | L | F0 | FC | H | K | L | F0 | FC | H | K | L | F0 | FC |
| 0 | 2 | 4 | 62 | 64 | -9 | 7 | 7 | 42 | -42 | -2 | 10 | 7 | 24 | 23 | 5 | 13 | 7 | 18 | -19 |
| 2 | 4 | 4 | 14 | -15 | -7 | 7 | 7 | 15 | -14 | 0 | 10 | 7 | 38 | 36 | 7 | 13 | 7 | 15 | -15 |
| 4 | 4 | 4 | 24 | -25 | -5 | 7 | 7 | 78 | -77 | 2 | 10 | 7 | 38 | 37 | 9 | 13 | 7 | 24 | -24 |
| 8 | 4 | 4 | 13 | -12 | -3 | 7 | 7 | 17 | 16 | 4 | 10 | 7 | 46 | 45 | 22 | 14 | 7 | 19 | -19 |
| 10 | 4 | 4 | 22 | -20 | -1 | 7 | 7 | 31 | -30 | 25 | 11 | 7 | 23 | 24 | -20 | 14 | 7 | 32 | -32 |
| 12 | 4 | 4 | 21 | -21 | 3 | 7 | 7 | 31 | 30 | -21 | 11 | 7 | 20 | 18 | -16 | 14 | 7 | 20 | -22 |
| 23 | 5 | 5 | 10 | 51 | 5 | 7 | 7 | 29 | -30 | -19 | 11 | 7 | 43 | 42 | -18 | 14 | 7 | 12 | -10 |
| 21 | 5 | 5 | 24 | 10 | 7 | 7 | 7 | 13 | -50 | -17 | 11 | 7 | 66 | 65 | -14 | 14 | 7 | 64 | -20 |
| 19 | 5 | 5 | 52 | 24 | 9 | 7 | 7 | 50 | -37 | -15 | 11 | 7 | 27 | 27 | -12 | 14 | 7 | 22 | -10 |
| 15 | 5 | 5 | 12 | 10 | 11 | 7 | 7 | 31 | 32 | -11 | 11 | 7 | 14 | 12 | -8 | 14 | 7 | 10 | -13 |
| 13 | 5 | 5 | 26 | 10 | -22 | 7 | 7 | 14 | -15 | -9 | 11 | 7 | 68 | 68 | -6 | 14 | 7 | 14 | -8 |
| 11 | 5 | 5 | 12 | -28 | -18 | 7 | 7 | 23 | -22 | -7 | 11 | 7 | 67 | 59 | -4 | 14 | 7 | 22 | -21 |
| 9 | 5 | 5 | 51 | 52 | -14 | 7 | 7 | 47 | -47 | -5 | 11 | 7 | 58 | 59 | 0 | 14 | 7 | 27 | -27 |
| 7 | 5 | 5 | 81 | 82 | -12 | 7 | 7 | 13 | 13 | -3 | 11 | 7 | 15 | -16 | 2 | 14 | 7 | 14 | -13 |
| 5 | 5 | 5 | 38 | 37 | -8 | 7 | 7 | 9 | 11 | 5 | 11 | 7 | 29 | 31 | -2 | 14 | 7 | 27 | -27 |
| 3 | 5 | 5 | 10 | 37 | -6 | 7 | 7 | 51 | 52 | 7 | 11 | 7 | 24 | 24 | 6 | 14 | 7 | 20 | -22 |
| 1 | 5 | 5 | 15 | -11 | -4 | 7 | 7 | 33 | -35 | 5 | 11 | 7 | 37 | -37 | 8 | 14 | 7 | 7 | -6 |
| 7 | 5 | 5 | 29 | -25 | 2 | 7 | 7 | 26 | -24 | 9 | 11 | 7 | 10 | 10 | -23 | 15 | 7 | 29 | -30 |
| 5 | 5 | 5 | 25 | -28 | 0 | 7 | 7 | 22 | -21 | 24 | 12 | 7 | 27 | -27 | 8 | 14 | 7 | 7 | -6 |
| 3 | 5 | 5 | 33 | 32 | 4 | 7 | 7 | 9 | 18 | 4 | 12 | 7 | 13 | 13 | 4 | 14 | 7 | 20 | -22 |
| 1 | 5 | 5 | 11 | 10 | 6 | 7 | 7 | 17 | 18 | -20 | 12 | 7 | 30 | 30 | 2 | 14 | 7 | 7 | -6 |
| 22 | 6 | 6 | 39 | -38 | 10 | 7 | 7 | 41 | 40 | -16 | 12 | 7 | 26 | -28 | 5 | 15 | 7 | 13 | -10 |
| 20 | 6 | 6 | 25 | -21 | -23 | 7 | 7 | 14 | 11 | -23 | 9 | 7 | 54 | -53 | -2 | 16 | 7 | 22 | -21 |
| 16 | 6 | 6 | 25 | -26 | -19 | 7 | 7 | 14 | 11 | -16 | 12 | 7 | 8 | -6 | -5 | 16 | 7 | 42 | -35 |
| 14 | 6 | 6 | 62 | -61 | -15 | 7 | 7 | 34 | -35 | -14 | 12 | 7 | 39 | -40 | -5 | 16 | 7 | 23 | -41 |
| 12 | 6 | 6 | 97 | -96 | -11 | 7 | 7 | 21 | -19 | -12 | 12 | 7 | 27 | -27 | -1 | 15 | 7 | 46 | -34 |
| 10 | 6 | 6 | 50 | 51 | -9 | 7 | 7 | 23 | 21 | -6 | 12 | 7 | 11 | 11 | 1 | 15 | 7 | 37 | -37 |
| 8 | 6 | 6 | 33 | -34 | -7 | 7 | 7 | 48 | 48 | -4 | 12 | 7 | 6 | 6 | 3 | 15 | 7 | 46 | -46 |
| 6 | 6 | 6 | 37 | -37 | -5 | 7 | 7 | 18 | 18 | 0 | 12 | 7 | 71 | -70 | 5 | 15 | 7 | 13 | -10 |
| 4 | 6 | 6 | 55 | -54 | -3 | 7 | 7 | 11 | 11 | 2 | 12 | 7 | 18 | -17 | -22 | 16 | 7 | 22 | -21 |
| 2 | 6 | 6 | 58 | -57 | -1 | 7 | 7 | 25 | 25 | 4 | 12 | 7 | 53 | -51 | -16 | 16 | 7 | 31 | -30 |
| 0 | 6 | 6 | 22 | -22 | 3 | 7 | 7 | 24 | -24 | 6 | 12 | 7 | 14 | -12 | -8 | 16 | 7 | 31 | -31 |
| 2 | 6 | 6 | 19 | -16 | 5 | 7 | 7 | 15 | 16 | 8 | 12 | 7 | 32 | 33 | -10 | 16 | 7 | 60 | -61 |
| 4 | 6 | 6 | 13 | -14 | 7 | 7 | 7 | 10 | 9 | 10 | 12 | 7 | 21 | 21 | -12 | 16 | 7 | 47 | -40 |
| 6 | 6 | 6 | 11 | 11 | 9 | 7 | 7 | 21 | 21 | 10 | 13 | 7 | 28 | 27 | -8 | 16 | 7 | 39 | -47 |
| 10 | 6 | 6 | 11 | 11 | 11 | 7 | 7 | 24 | 23 | 10 | 13 | 7 | 18 | 16 | -4 | 16 | 7 | 10 | -6 |
| 12 | 6 | 6 | 20 | -9 | -26 | 7 | 7 | 5 | 4 | -2 | 16 | 7 | 9 | 9 | 0 | 16 | 7 | 6 | -48 |
| 27 | 7 | 7 | 17 | -20 | -18 | 7 | 7 | 21 | 19 | -15 | 13 | 7 | 16 | 12 | 2 | 16 | 7 | 47 | -40 |
| 25 | 7 | 7 | 17 | -17 | -16 | 7 | 7 | 18 | 19 | -13 | 13 | 7 | 25 | 24 | 0 | 16 | 7 | 47 | -40 |
| 23 | 7 | 7 | 51 | -47 | -14 | 7 | 7 | 31 | 29 | -9 | 13 | 7 | 19 | 19 | 4 | 16 | 7 | 19 | -17 |
| 21 | 7 | 7 | 13 | -10 | -12 | 7 | 7 | 48 | 48 | -11 | 13 | 7 | 12 | 12 | 2 | 16 | 7 | 24 | -24 |
| 19 | 7 | 7 | 48 | -48 | -10 | 7 | 7 | 60 | 62 | -5 | 13 | 7 | 24 | 24 | 0 | 16 | 7 | 27 | -27 |
| 17 | 7 | 7 | 21 | -21 | -8 | 7 | 7 | 18 | 18 | -3 | 13 | 7 | 17 | 17 | -8 | 16 | 7 | 27 | -27 |
| 15 | 7 | 7 | 11 | -9 | -12 | 7 | 7 | 16 | 15 | -17 | 13 | 7 | 17 | 17 | 0 | 16 | 7 | 17 | -17 |
| 13 | 7 | 7 | 21 | -21 | -10 | 7 | 7 | 31 | 29 | -9 | 13 | 7 | 19 | 19 | 4 | 16 | 7 | 19 | -17 |
| 11 | 7 | 7 | 11 | -15 | -14 | 7 | 7 | 16 | 15 | -13 | 13 | 7 | 17 | 17 | 0 | 16 | 7 | 17 | -17 |
| 8 | 7 | 7 | 15 | -16 | -11 | 7 | 7 | 24 | 23 | -11 | 13 | 7 | 17 | 17 | 0 | 16 | 7 | 17 | -17 |
| 6 | 7 | 7 | 20 | -20 | -20 | 7 | 7 | 5 | 4 | -2 | 13 | 7 | 17 | 17 | 0 | 16 | 7 | 17 | -17 |
| 4 | 7 | 7 | 11 | -9 | -26 | 7 | 7 | 21 | 21 | -15 | 13 | 7 | 18 | 18 | 0 | 16 | 7 | 17 | -17 |
| 2 | 7 | 7 | 12 | -12 | 9 | 7 | 7 | 24 | 23 | 10 | 13 | 7 | 18 | 18 | 0 | 16 | 7 | 17 | -17 |
| 0 | 7 | 7 | 18 | -16 | 7 | 7 | 7 | 34 | -35 | 1 | 13 | 7 | 20 | 20 | -2 | 16 | 7 | 17 | -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 | FO | FC | | | | | | | | | |
| -27 | 1 | 8 | 19 | 21 | -19 | 5 | 8 | 18 | 18 | -12 | 8 | 8 | 27 | 28 | -1 | 11 | 8 | 35 | -34 | -8 | 16 | 8 | 18 | 19 | |
| -25 | 1 | 8 | 17 | -18 | -17 | 5 | 8 | 30 | -30 | -10 | 8 | 8 | 9 | -8 | 11 | 11 | 8 | 12 | 13 | -6 | 16 | 8 | 32 | -34 | |
| -15 | 1 | 8 | 11 | -11 | -15 | 5 | 8 | 42 | 42 | -8 | 8 | 8 | 38 | -40 | 3 | 11 | 8 | 16 | -14 | -4 | 16 | 8 | 18 | -16 | |
| -13 | 1 | 8 | 17 | 17 | -13 | 5 | 8 | 41 | 20 | -4 | 8 | 8 | 82 | -80 | 5 | 11 | 8 | 35 | -34 | -2 | 16 | 8 | 15 | -14 | |
| -7 | 1 | 8 | 8 | 9 | -11 | 5 | 8 | 27 | 26 | -2 | 8 | 8 | 15 | -14 | 7 | 11 | 8 | 15 | 16 | 0 | 16 | 8 | 15 | -16 | |
| -3 | 1 | 8 | 10 | 7 | -9 | 5 | 8 | 84 | 84 | 0 | 8 | 8 | 12 | -12 | 7 | 11 | 8 | 25 | -27 | 2 | 16 | 8 | 16 | -16 | |
| -1 | 1 | 8 | 29 | -28 | -7 | 5 | 8 | 52 | -53 | 2 | 8 | 8 | 24 | -24 | -20 | 12 | 8 | 13 | -10 | -19 | 17 | 8 | 11 | 11 | |
| 7 | 1 | 8 | 20 | 21 | -1 | 5 | 8 | 34 | -36 | 4 | 8 | 8 | 43 | 42 | -18 | 12 | 8 | 47 | -48 | -17 | 17 | 8 | 15 | -17 | |
| 9 | 1 | 8 | 20 | -18 | -1 | 5 | 8 | 80 | 78 | 4 | 8 | 8 | 32 | -33 | -14 | 12 | 8 | 23 | -25 | -13 | 17 | 8 | 21 | -23 | |
| -26 | 2 | 8 | 9 | -10 | 3 | 5 | 8 | 16 | -15 | 6 | 8 | 8 | 17 | 16 | -10 | 12 | 8 | 42 | -44 | -9 | 17 | 8 | 41 | -40 | |
| -24 | 2 | 8 | 23 | 20 | 5 | 5 | 8 | 56 | 56 | -19 | 9 | 8 | 32 | 32 | -6 | 12 | 8 | 45 | -46 | -7 | 17 | 8 | 22 | -21 | |
| -16 | 2 | 8 | 23 | -30 | 7 | 5 | 8 | 13 | 12 | -15 | 9 | 8 | 15 | -14 | -8 | 12 | 8 | 48 | -48 | -5 | 17 | 8 | 39 | -38 | |
| -14 | 2 | 8 | 26 | 24 | 9 | 5 | 8 | 26 | -24 | 9 | 8 | 8 | 28 | -28 | -4 | 12 | 8 | 32 | -31 | -1 | 17 | 8 | 22 | -27 | |
| -12 | 2 | 8 | 11 | 8 | -26 | 6 | 8 | 21 | -21 | -15 | 9 | 8 | 11 | -12 | 6 | 12 | 8 | 62 | -62 | -1 | 17 | 8 | 17 | -17 | |
| -8 | 2 | 8 | 23 | 22 | -24 | 6 | 8 | 39 | -41 | -17 | 9 | 8 | 28 | -28 | -2 | 12 | 8 | 18 | -18 | -1 | 18 | 8 | 26 | -24 | |
| -6 | 2 | 8 | 19 | -18 | -20 | 6 | 8 | 46 | -46 | -13 | 9 | 8 | 31 | 32 | 6 | 12 | 8 | 18 | 18 | -16 | 18 | 8 | 16 | -5 | |
| -4 | 2 | 8 | 60 | -59 | -20 | 6 | 8 | 13 | -10 | -7 | 9 | 8 | 24 | -23 | -23 | 13 | 8 | 17 | -12 | -10 | 18 | 8 | 16 | -14 | |
| -2 | 2 | 8 | 16 | -16 | -18 | 6 | 8 | 22 | 22 | -5 | 9 | 8 | 43 | -42 | -21 | 13 | 8 | 26 | -25 | -15 | 19 | 8 | 24 | 26 | |
| -6 | 2 | 8 | 11 | -9 | -16 | 6 | 8 | 9 | -8 | -1 | 9 | 8 | 42 | -20 | -15 | 13 | 8 | 20 | 19 | -11 | 19 | 8 | 12 | 34 | |
| -25 | 3 | 8 | 16 | -15 | -14 | 6 | 8 | 44 | -44 | 3 | 9 | 8 | 19 | -19 | -11 | 13 | 8 | 59 | -58 | -9 | 19 | 8 | 28 | 12 | |
| -13 | 3 | 8 | 32 | -31 | -8 | 6 | 8 | 28 | -29 | 5 | 9 | 8 | 25 | 22 | -11 | 13 | 8 | 34 | 34 | -3 | 19 | 8 | 12 | 28 | |
| -9 | 3 | 8 | 58 | -56 | -4 | 6 | 8 | 47 | 47 | 7 | 9 | 8 | 9 | -10 | -7 | 13 | 8 | 30 | -29 | -12 | 20 | 8 | 15 | 15 | |
| -7 | 3 | 8 | 40 | 39 | -14 | 6 | 8 | 15 | -12 | -24 | 10 | 8 | 38 | 34 | -5 | 13 | 8 | 16 | 16 | -10 | 20 | 8 | 18 | -16 | |
| -5 | 3 | 8 | 13 | -11 | 2 | 6 | 8 | 46 | -46 | -20 | 10 | 8 | 12 | 12 | -1 | 13 | 8 | 12 | 13 | -6 | 20 | 8 | 23 | 24 | |
| -3 | 3 | 8 | 12 | -11 | 4 | 6 | 8 | 40 | 41 | -18 | 10 | 8 | 63 | 60 | 5 | 13 | 8 | 17 | -17 | -7 | 21 | 8 | 14 | -15 | |
| -1 | 3 | 8 | 57 | -57 | 6 | 6 | 8 | 40 | 40 | -16 | 10 | 8 | 43 | -38 | -20 | 14 | 8 | 8 | 30 | -26 | 21 | 8 | 22 | 21 | |
| -1 | 3 | 8 | 70 | -71 | -25 | 7 | 8 | 10 | -9 | -16 | 10 | 8 | 20 | -22 | -18 | 14 | 8 | 11 | 18 | -24 | 0 | 9 | 9 | 63 | 62 |
| 1 | 3 | 8 | 13 | -11 | -23 | 7 | 8 | 21 | -23 | -12 | 10 | 8 | 43 | -43 | -16 | 14 | 8 | 32 | 30 | -22 | 2 | 9 | 9 | 56 | 60 |
| 3 | 3 | 8 | 34 | -33 | -21 | 7 | 8 | 22 | -23 | -10 | 10 | 8 | 16 | -15 | -14 | 14 | 8 | 8 | 7 | -8 | 0 | 9 | 9 | 66 | 62 |
| 5 | 3 | 8 | 40 | -39 | -19 | 7 | 8 | 9 | 8 | -10 | 10 | 8 | 16 | -10 | -6 | 14 | 8 | 11 | 49 | 4 | 0 | 9 | 9 | 9 | 9 |
| 7 | 3 | 8 | 26 | 27 | -17 | 7 | 8 | 12 | 12 | -6 | 10 | 8 | 49 | 50 | -2 | 14 | 8 | 46 | 44 | 6 | 0 | 9 | 9 | 48 | 9 |
| 9 | 3 | 8 | 9 | 10 | -15 | 7 | 8 | 15 | -15 | -4 | 10 | 8 | 82 | 82 | -4 | 14 | 8 | 8 | 7 | -25 | 1 | 9 | 9 | 10 | 49 |
| -24 | 4 | 8 | 18 | 18 | -15 | 7 | 8 | 78 | -78 | 0 | 10 | 8 | 46 | 47 | 4 | 14 | 8 | 8 | 44 | 7 | 1 | 9 | 9 | 10 | -7 |
| -22 | 4 | 8 | 7 | 7 | -9 | 7 | 8 | 24 | -24 | 2 | 10 | 8 | 10 | -8 | -21 | 15 | 8 | 35 | -33 | -21 | 1 | 9 | 9 | 17 | 19 |
| -20 | 4 | 8 | 18 | -18 | -13 | 7 | 8 | 30 | -33 | -4 | 10 | 8 | 10 | 12 | -13 | 15 | 8 | 51 | -50 | -21 | 3 | 9 | 9 | 17 | -19 |
| -18 | 4 | 8 | 19 | -18 | -9 | 7 | 8 | 24 | -18 | 6 | 10 | 8 | 10 | -8 | -11 | 15 | 8 | 16 | 11 | -26 | 1 | 9 | 9 | 30 | -32 |
| -16 | 4 | 8 | 6 | -5 | -7 | 7 | 8 | 57 | -59 | 2 | 10 | 8 | 12 | -14 | -7 | 15 | 8 | 11 | 11 | -22 | 2 | 9 | 9 | 19 | -20 |
| -12 | 4 | 8 | 6 | 6 | -5 | 7 | 8 | 26 | -24 | 6 | 10 | 8 | 9 | -30 | -5 | 15 | 8 | 21 | -23 | 6 | 3 | 9 | 9 | 32 | -30 |
| -10 | 4 | 8 | 62 | 63 | -3 | 7 | 8 | 48 | -48 | -15 | 11 | 8 | 21 | -18 | -3 | 15 | 8 | 10 | 10 | -2 | 2 | 9 | 9 | 21 | -34 |
| -6 | 4 | 8 | 42 | -41 | 3 | 7 | 8 | 23 | -22 | -13 | 11 | 8 | 9 | -27 | 1 | 15 | 8 | 32 | -29 | 6 | 3 | 9 | 9 | 13 | 12 |
| -4 | 4 | 8 | 13 | -13 | 5 | 7 | 8 | 14 | -15 | -9 | 11 | 8 | 6 | -4 | -16 | 16 | 8 | 18 | -18 | -5 | 3 | 9 | 9 | 46 | -46 |
| 2 | 4 | 8 | 11 | -11 | 7 | 7 | 8 | 23 | -22 | -11 | 11 | 8 | 7 | -6 | -14 | 16 | 8 | 14 | -15 | -3 | 3 | 9 | 9 | 28 | -29 |
| 6 | 4 | 8 | 11 | -11 | 7 | 7 | 8 | 40 | -41 | -7 | 11 | 8 | 7 | -31 | -14 | 16 | 8 | 14 | -32 | -1 | 3 | 9 | 9 | 12 | -12 |
| -25 | 5 | 8 | 11 | -21 | -16 | 8 | 8 | 9 | 9 | -5 | 11 | 8 | 29 | -31 | -12 | 16 | 8 | 29 | -32 | -1 | 3 | 9 | 9 | 39 | -36 |
| -23 | 5 | 8 | 22 | 21 | -14 | 8 | 8 | 9 | 9 | -3 | 11 | 8 | 17 | 18 | -10 | 16 | 8 | 36 | -35 | -1 | 3 | 9 | 9 | 12 | -36 |
| -21 | 5 | 8 | 41 | -39 | -14 | 8 | 8 | 43 | -42 | 11 | 11 | 8 | 17 | 18 | -10 | 16 | 8 | 36 | -35 | -1 | 3 | 9 | 9 | 12 | -36 |



Table 3c (dehyd 2)

| OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 CLIDENY2 | | | | | | | | | | | | PAGE 15 | | |
|--|---|---|----|-----|-----|---|---|----|-----|-----|----|---------|----|-----|
| H | K | L | FO | FC | H | K | L | FO | FC | H | K | L | FO | FC |
| 5 | 3 | 9 | 21 | 21 | -1 | 7 | 9 | 39 | -39 | -13 | 13 | 9 | 11 | -9 |
| -24 | 4 | 9 | 24 | 26 | 1 | 7 | 8 | 8 | -9 | -9 | 13 | 9 | 38 | 40 |
| -22 | 4 | 9 | 19 | -17 | -22 | 8 | 9 | 11 | 13 | -7 | 13 | 9 | 39 | -38 |
| -16 | 4 | 9 | 28 | -8 | -24 | 8 | 9 | 19 | -19 | -5 | 13 | 9 | 37 | 35 |
| -14 | 4 | 9 | 20 | -28 | -18 | 8 | 9 | 18 | -19 | -3 | 13 | 9 | 38 | -31 |
| -12 | 4 | 9 | 16 | -19 | -16 | 8 | 9 | 30 | -29 | -1 | 13 | 9 | 19 | -19 |
| -8 | 4 | 9 | 34 | 16 | -14 | 8 | 9 | 26 | -26 | 1 | 13 | 9 | 21 | 19 |
| -6 | 4 | 9 | 12 | -15 | -12 | 8 | 9 | 47 | -48 | -1 | 14 | 9 | 17 | -17 |
| -4 | 4 | 9 | 13 | -14 | -10 | 8 | 9 | 15 | -15 | -1 | 14 | 9 | 33 | 32 |
| 0 | 4 | 9 | 17 | -17 | -8 | 8 | 9 | 24 | -23 | -8 | 14 | 9 | 34 | 32 |
| 4 | 4 | 9 | 18 | 16 | -6 | 8 | 9 | 9 | 10 | -4 | 14 | 9 | 20 | 19 |
| 6 | 4 | 9 | 8 | -5 | 2 | 8 | 9 | 13 | -28 | -2 | 14 | 9 | 16 | -16 |
| -23 | 5 | 9 | 10 | -12 | -23 | 9 | 9 | 28 | 14 | 0 | 14 | 9 | 19 | 17 |
| -21 | 5 | 9 | 77 | -75 | -21 | 9 | 9 | 24 | -24 | -1 | 15 | 9 | 14 | 14 |
| -19 | 5 | 9 | 21 | -21 | -19 | 9 | 9 | 57 | -59 | -17 | 15 | 9 | 32 | 31 |
| -17 | 5 | 9 | 88 | -87 | -15 | 9 | 9 | 13 | 11 | -15 | 15 | 9 | 14 | 11 |
| -11 | 5 | 9 | 18 | 16 | -13 | 9 | 9 | 32 | -32 | -11 | 15 | 9 | 11 | -10 |
| -9 | 5 | 9 | 49 | -48 | -9 | 9 | 9 | 8 | 10 | -9 | 15 | 9 | 33 | 36 |
| -7 | 5 | 9 | 52 | 67 | -3 | 9 | 9 | 18 | 19 | -7 | 15 | 9 | 33 | -38 |
| -3 | 5 | 9 | 64 | 67 | -1 | 9 | 9 | 37 | 38 | -5 | 15 | 9 | 35 | -32 |
| -1 | 5 | 9 | 13 | 11 | 3 | 9 | 9 | 6 | 6 | -3 | 15 | 9 | 18 | 19 |
| 3 | 5 | 9 | 15 | 14 | -22 | 9 | 9 | 14 | 13 | -1 | 15 | 9 | 36 | -39 |
| 5 | 5 | 9 | 34 | -34 | -20 | 9 | 9 | 23 | -23 | -18 | 16 | 9 | 9 | -6 |
| -24 | 6 | 9 | 20 | -18 | -12 | 9 | 9 | 70 | 72 | -10 | 16 | 9 | 23 | 20 |
| -18 | 6 | 9 | 14 | 10 | -6 | 9 | 9 | 45 | 43 | -2 | 16 | 9 | 29 | 28 |
| -16 | 6 | 9 | 23 | -23 | -8 | 9 | 9 | 12 | 10 | -7 | 17 | 9 | 9 | 10 |
| -14 | 6 | 9 | 23 | -23 | -4 | 9 | 9 | 38 | 40 | -5 | 17 | 9 | 31 | -35 |
| -12 | 6 | 9 | 13 | -13 | -2 | 9 | 9 | 42 | -40 | -3 | 17 | 9 | 17 | -18 |
| -10 | 6 | 9 | 24 | -23 | 0 | 9 | 9 | 31 | -31 | -14 | 18 | 9 | 14 | 18 |
| -8 | 6 | 9 | 50 | 49 | 2 | 9 | 9 | 37 | 35 | -1 | 18 | 9 | 43 | -42 |
| -6 | 6 | 9 | 23 | -25 | 4 | 9 | 9 | 19 | 19 | -10 | 18 | 9 | 25 | 22 |
| -4 | 6 | 9 | 8 | 8 | -21 | 9 | 9 | 15 | 13 | -8 | 18 | 9 | 32 | -24 |
| -2 | 6 | 9 | 37 | 37 | -15 | 9 | 9 | 17 | -16 | 18 | 9 | 25 | 12 | 28 |
| 0 | 6 | 9 | 45 | 44 | -19 | 9 | 9 | 7 | 2 | -4 | 10 | 9 | 26 | 28 |
| 4 | 6 | 9 | 24 | -23 | -7 | 9 | 9 | 23 | -21 | -20 | 0 | 10 | 21 | 22 |
| 6 | 6 | 9 | 14 | -13 | -22 | 9 | 9 | 17 | 18 | -4 | 0 | 10 | 26 | 28 |
| 6 | 6 | 9 | 13 | -13 | -16 | 9 | 9 | 30 | 30 | 0 | 10 | 10 | 58 | 59 |
| -19 | 7 | 9 | 43 | -40 | -14 | 9 | 9 | 19 | -19 | -19 | 1 | 10 | 31 | 28 |
| -17 | 7 | 9 | 16 | -18 | -12 | 9 | 9 | 25 | -24 | -1 | 10 | 10 | 27 | 28 |
| -15 | 7 | 9 | 14 | -14 | -10 | 9 | 9 | 17 | -18 | -3 | 10 | 10 | 14 | 14 |
| -13 | 7 | 9 | 29 | -32 | -8 | 9 | 9 | 31 | -29 | -3 | 10 | 10 | 17 | -17 |
| -11 | 7 | 9 | 29 | 27 | -21 | 9 | 9 | 11 | -11 | -4 | 10 | 10 | 14 | 16 |
| -7 | 7 | 9 | 17 | -19 | -17 | 9 | 9 | 8 | 8 | -2 | 10 | 10 | 27 | 25 |
| -5 | 7 | 9 | 29 | -25 | -19 | 9 | 9 | 11 | 8 | -3 | 10 | 10 | 11 | 11 |
| -3 | 7 | 9 | 51 | -49 | -15 | 9 | 9 | 27 | -26 | -20 | 10 | 10 | 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 | F0 | FC | | | | | | | | | |
| -6 | 0 | 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 | 11 | 18 | 20 | -10 | 2 | 11 | 36 | -37 | -18 | 4 | 11 | 20 | 20 | -5 | 5 | 11 | 11 | 11 | -7 | 7 | 11 | 11 | 29 | 31 |
| -2 | 0 | 11 | 11 | 25 | -24 | -8 | 2 | 11 | 25 | -26 | -16 | 4 | 11 | 21 | -21 | -18 | 6 | 11 | 9 | 11 | -16 | 8 | 11 | 11 | 21 | 23 |
| -21 | 1 | 11 | 11 | 13 | -12 | -6 | 2 | 11 | 23 | -21 | -14 | 4 | 11 | 37 | 34 | -12 | 6 | 11 | 21 | -20 | -12 | 8 | 11 | 11 | 11 | 12 |
| -19 | 1 | 11 | 11 | 17 | 17 | -4 | 3 | 11 | 9 | -28 | -12 | 4 | 11 | 18 | -18 | -10 | 6 | 11 | 29 | -26 | -10 | 8 | 11 | 11 | 18 | -18 |
| -15 | 1 | 11 | 11 | 15 | 15 | -21 | 3 | 11 | 9 | 10 | -10 | 4 | 11 | 18 | 21 | -10 | 6 | 11 | 29 | 29 | -6 | 8 | 11 | 11 | 23 | -22 |
| -9 | 1 | 11 | 11 | 16 | 16 | -19 | 3 | 11 | 18 | -19 | -8 | 4 | 11 | 18 | 18 | -8 | 6 | 11 | 29 | -28 | -15 | 9 | 11 | 11 | 24 | 25 |
| -7 | 1 | 11 | 11 | 17 | 18 | -17 | 3 | 11 | 22 | -23 | -6 | 4 | 11 | 10 | 9 | -19 | 7 | 11 | 5 | -33 | -11 | 9 | 11 | 11 | 16 | -15 |
| -5 | 1 | 11 | 11 | 24 | 22 | -15 | 3 | 11 | 27 | -25 | -4 | 4 | 11 | 11 | 11 | -17 | 7 | 11 | 5 | -3 | -12 | 10 | 11 | 11 | 9 | 10 |
| -18 | 2 | 11 | 11 | 15 | -16 | -11 | 3 | 11 | 9 | -7 | -4 | 5 | 11 | 37 | 11 | -15 | 7 | 11 | 35 | -34 | -8 | 10 | 11 | 11 | 27 | 25 |
| -16 | 2 | 11 | 11 | 29 | -29 | -7 | 3 | 11 | 23 | -23 | -15 | 5 | 11 | 14 | 14 | -13 | 7 | 11 | 27 | -29 | -13 | 10 | 11 | 11 | 10 | 10 |
| -14 | 2 | 11 | 11 | 12 | -12 | -5 | 3 | 11 | 25 | -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 | | | | | | | | | | | | | | | | PAGE 1 | | | |
|---|---|---|-----|------|----|----|---|-----|------|----|----|---|----|-----|-----|--------|-----|-----|-----|
| H | K | L | F0 | FC | H | K | L | F0 | FC | H | K | L | F0 | FC | H | K | L | F0 | FC |
| 2 | 4 | 0 | 200 | -202 | 7 | 9 | 5 | 26 | -25 | 1 | 11 | 0 | 10 | -13 | 3 | 19 | 0 | 6 | -2 |
| 4 | 8 | 0 | 218 | 220 | 9 | 5 | 5 | 118 | 116 | 3 | 11 | 0 | 10 | 5 | 19 | 0 | 15 | 16 | 16 |
| 8 | 0 | 0 | 97 | -98 | 11 | 5 | 0 | 54 | 52 | 5 | 11 | 0 | 38 | 39 | 20 | 0 | 39 | 39 | 109 |
| 10 | 0 | 0 | 171 | 168 | 13 | 5 | 0 | 44 | -46 | 7 | 11 | 0 | 69 | 64 | 19 | 0 | 64 | 64 | 53 |
| 12 | 0 | 0 | 7 | 5 | 15 | 5 | 0 | 32 | 33 | 11 | 11 | 0 | 36 | 34 | 20 | 0 | 44 | 47 | 28 |
| 14 | 0 | 0 | 64 | 60 | 17 | 5 | 0 | 48 | -48 | 15 | 11 | 0 | 44 | 34 | 0 | 0 | 44 | 34 | 87 |
| 16 | 0 | 0 | 77 | 80 | 2 | 6 | 0 | 88 | 92 | 11 | 11 | 0 | 16 | 16 | 8 | 6 | 16 | 16 | 20 |
| 18 | 0 | 0 | 11 | 9 | 2 | 6 | 0 | 6 | -3 | 15 | 12 | 0 | 19 | -99 | 14 | 0 | 10 | 4 | 165 |
| 9 | 1 | 0 | 55 | -57 | 4 | 6 | 0 | 51 | -44 | 2 | 12 | 0 | 15 | 14 | -10 | 0 | 9 | 8 | 20 |
| 13 | 1 | 0 | 69 | -73 | 4 | 6 | 0 | 56 | 56 | 4 | 12 | 0 | 95 | 98 | -12 | 0 | 15 | 15 | 33 |
| 5 | 1 | 0 | 12 | 4 | 8 | 6 | 0 | 106 | -104 | 2 | 12 | 0 | 70 | 74 | -8 | 0 | 10 | 9 | 20 |
| 7 | 1 | 0 | 18 | -13 | 8 | 6 | 0 | 22 | 22 | 6 | 12 | 0 | 75 | -74 | -4 | 0 | 114 | 108 | 114 |
| 9 | 1 | 0 | 23 | -20 | 12 | 6 | 0 | 55 | 57 | 8 | 12 | 0 | 55 | 57 | -6 | 0 | 158 | 158 | 158 |
| 11 | 1 | 0 | 32 | 36 | 14 | 6 | 0 | 59 | -62 | 12 | 12 | 0 | 30 | -31 | -4 | 0 | 109 | 108 | 109 |
| 13 | 1 | 0 | 32 | 33 | 16 | 6 | 0 | 9 | 8 | 14 | 12 | 0 | 36 | -38 | 2 | 0 | 52 | -52 | 52 |
| 15 | 1 | 0 | 27 | -26 | 1 | 7 | 0 | 72 | 72 | 1 | 13 | 0 | 13 | 11 | 4 | 0 | 20 | -23 | 20 |
| 17 | 1 | 0 | 32 | 31 | 3 | 7 | 0 | 58 | -63 | 3 | 13 | 0 | 18 | -17 | 4 | 0 | 94 | 96 | 94 |
| 19 | 1 | 0 | 223 | -240 | 5 | 7 | 0 | 22 | 157 | 5 | 13 | 0 | 94 | -98 | 4 | 0 | 94 | 94 | 94 |
| 2 | 2 | 0 | 90 | -86 | 7 | 7 | 0 | 155 | -157 | 7 | 13 | 0 | 31 | 29 | 8 | 0 | 57 | 54 | 57 |
| 4 | 2 | 0 | 31 | -27 | 9 | 7 | 0 | 108 | -107 | 9 | 13 | 0 | 83 | -82 | 8 | 0 | 77 | 78 | 99 |
| 6 | 2 | 0 | 65 | -64 | 11 | 7 | 0 | 45 | 49 | 11 | 13 | 0 | 39 | 42 | 10 | 0 | 99 | 95 | 99 |
| 8 | 2 | 0 | 10 | 46 | 13 | 7 | 0 | 16 | -10 | 13 | 13 | 0 | 16 | -13 | 12 | 0 | 56 | -58 | 56 |
| 10 | 2 | 0 | 46 | -49 | 15 | 7 | 0 | 39 | 38 | 13 | 13 | 0 | 27 | 29 | 14 | 0 | 31 | 31 | 31 |
| 12 | 2 | 0 | 11 | -9 | 0 | 8 | 0 | 119 | 112 | 0 | 14 | 0 | 88 | 89 | 16 | 0 | 31 | 31 | 31 |
| 14 | 2 | 0 | 44 | -93 | 2 | 8 | 0 | 52 | -47 | 2 | 14 | 0 | 44 | -48 | 17 | 0 | 26 | 28 | 26 |
| 16 | 2 | 0 | 44 | -45 | 4 | 8 | 0 | 6 | -5 | 4 | 14 | 0 | 18 | -15 | 17 | 0 | 12 | 12 | 12 |
| 18 | 2 | 0 | 51 | -52 | 6 | 8 | 0 | 35 | -32 | 6 | 14 | 0 | 15 | -15 | 17 | 0 | 18 | 18 | 18 |
| 3 | 3 | 0 | 71 | -74 | 8 | 8 | 0 | 79 | 74 | 8 | 14 | 0 | 15 | -15 | 17 | 0 | 18 | 18 | 18 |
| 5 | 3 | 0 | 183 | -178 | 8 | 8 | 0 | 16 | -16 | 10 | 14 | 0 | 24 | -24 | 9 | 0 | 194 | 194 | 194 |
| 7 | 3 | 0 | 225 | -225 | 10 | 8 | 0 | 21 | 21 | 12 | 14 | 0 | 24 | -24 | 11 | 0 | 92 | 88 | 92 |
| 9 | 3 | 0 | 35 | 30 | 12 | 8 | 0 | 60 | -62 | 12 | 15 | 0 | 25 | 26 | 11 | 0 | 52 | 49 | 52 |
| 11 | 3 | 0 | 28 | -28 | 14 | 8 | 0 | 100 | -101 | 13 | 15 | 0 | 60 | 60 | 11 | 0 | 96 | 94 | 96 |
| 13 | 3 | 0 | 60 | -58 | 14 | 8 | 0 | 72 | 72 | 15 | 15 | 0 | 60 | 79 | 11 | 0 | 94 | 98 | 94 |
| 15 | 3 | 0 | 8 | 4 | 1 | 9 | 0 | 108 | 103 | 11 | 15 | 0 | 80 | 79 | 11 | 0 | 94 | 94 | 94 |
| 17 | 3 | 0 | 21 | 23 | 3 | 9 | 0 | 62 | 62 | 11 | 16 | 0 | 5 | 5 | 11 | 0 | 25 | -21 | 25 |
| 19 | 3 | 0 | 7 | 6 | 9 | 9 | 0 | 103 | 103 | 11 | 16 | 0 | 19 | 17 | 9 | 0 | 25 | -21 | 25 |
| 21 | 3 | 0 | 189 | 192 | 11 | 9 | 0 | 62 | 62 | 11 | 16 | 0 | 36 | 35 | 9 | 0 | 40 | 39 | 40 |
| 23 | 4 | 0 | 43 | 43 | 13 | 9 | 0 | 51 | -50 | 12 | 16 | 0 | 50 | 46 | 11 | 0 | 36 | 34 | 36 |
| 25 | 4 | 0 | 121 | 110 | 13 | 9 | 0 | 34 | -34 | 14 | 16 | 0 | 50 | 46 | 11 | 0 | 40 | 39 | 40 |
| 27 | 4 | 0 | 16 | -12 | 15 | 9 | 0 | 12 | -12 | 16 | 16 | 0 | 11 | 10 | 11 | 0 | 35 | -33 | 35 |
| 29 | 4 | 0 | 21 | 20 | 17 | 9 | 0 | 130 | 140 | 17 | 17 | 0 | 11 | 10 | 11 | 0 | 51 | -51 | 51 |
| 31 | 4 | 0 | 8 | 5 | 10 | 10 | 0 | 10 | -62 | 18 | 17 | 0 | 61 | -62 | 11 | 0 | 9 | 9 | 9 |
| 33 | 4 | 0 | 27 | 22 | 10 | 10 | 0 | 129 | 125 | 18 | 17 | 0 | 8 | 74 | 11 | 0 | 17 | 16 | 17 |
| 35 | 4 | 0 | 8 | 5 | 8 | 10 | 0 | 58 | -56 | 18 | 17 | 0 | 74 | -74 | 11 | 0 | 17 | 16 | 17 |
| 37 | 4 | 0 | 27 | 22 | 10 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 39 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 41 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 43 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 45 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 47 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 49 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 51 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 53 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 55 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 57 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 59 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 61 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 63 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 65 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 67 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 69 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 71 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 73 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 75 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 77 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 79 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 81 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 83 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 85 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 87 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 89 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 91 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 93 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 95 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 97 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 99 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 101 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 103 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 105 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 107 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 109 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 111 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 113 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 115 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 117 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 119 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 121 | 4 | 0 | 21 | 22 | 14 | 10 | 0 | 6 | -6 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | 17 |
| 123 | 4 | 0 | 27 | 22 | 14 | 10 | 0 | 10 | -4 | 19 | 17 | 0 | 9 | -10 | 11 | 0 | 17 | 16 | |

Table 3d (dehyd 3)

| OBSERVED AND CALCULATED STRUCTURE FACTORS FOR CLINOP 6.05 MV 05/30/90 | | | | | | | | | | PAGE 2 | | | | |
|---|---|---|-----|------|-----|----|---|-----|------|--------|----|---|-----|------|
| H | K | L | F0 | FC | H | K | L | F0 | FC | H | K | L | F0 | FC |
| -7 | 5 | 1 | 19 | 18 | -14 | 8 | 1 | 58 | 60 | -7 | 11 | 1 | 13 | -8 |
| -5 | 5 | 1 | 103 | -110 | -12 | 8 | 1 | 29 | -28 | -5 | 11 | 1 | 68 | 63 |
| -3 | 5 | 1 | 175 | -173 | -10 | 8 | 1 | 93 | 92 | -3 | 11 | 1 | 14 | -10 |
| -1 | 5 | 1 | 20 | -17 | -8 | 8 | 1 | 124 | -123 | -1 | 11 | 1 | 8 | 3 |
| 1 | 5 | 1 | 200 | 209 | -6 | 8 | 1 | 23 | 16 | 3 | 11 | 1 | 36 | 33 |
| 3 | 5 | 1 | 87 | 86 | -4 | 8 | 1 | 25 | 24 | 5 | 11 | 1 | 86 | -88 |
| 5 | 5 | 1 | 87 | 83 | -2 | 8 | 1 | 37 | 34 | 7 | 11 | 1 | 110 | 110 |
| 7 | 5 | 1 | 46 | 44 | 0 | 8 | 1 | 10 | 6 | 9 | 11 | 1 | 18 | -3 |
| 9 | 5 | 1 | 77 | 76 | 2 | 8 | 1 | 19 | -15 | 11 | 11 | 1 | 6 | 36 |
| 11 | 5 | 1 | 50 | 50 | 4 | 8 | 1 | 72 | 67 | 11 | 11 | 1 | 36 | -55 |
| 13 | 5 | 1 | 8 | 8 | 6 | 8 | 1 | 88 | -84 | 13 | 11 | 1 | 28 | -26 |
| 15 | 5 | 1 | 35 | 36 | 8 | 8 | 1 | 5 | 6 | 16 | 12 | 1 | 69 | 68 |
| 18 | 6 | 1 | 6 | 3 | 10 | 8 | 1 | 79 | -80 | 18 | 12 | 1 | 23 | -39 |
| -14 | 6 | 1 | 15 | -12 | 12 | 8 | 1 | 34 | -32 | -16 | 12 | 1 | 69 | 68 |
| -14 | 6 | 1 | 13 | -12 | 14 | 8 | 1 | 24 | -23 | -10 | 12 | 1 | 42 | -30 |
| -12 | 6 | 1 | 23 | -26 | -17 | 9 | 1 | 36 | -35 | -8 | 12 | 1 | 46 | -45 |
| -10 | 6 | 1 | 24 | -20 | -15 | 9 | 1 | 68 | -67 | -6 | 12 | 1 | 35 | -30 |
| -8 | 6 | 1 | 15 | -14 | -11 | 9 | 1 | 20 | -19 | -4 | 12 | 1 | 100 | -101 |
| -6 | 6 | 1 | 94 | -88 | -9 | 9 | 1 | 47 | -49 | 2 | 12 | 1 | 7 | 6 |
| -4 | 6 | 1 | 44 | 45 | -7 | 9 | 1 | 88 | 90 | 0 | 12 | 1 | 11 | 11 |
| -2 | 6 | 1 | 131 | -134 | -5 | 9 | 1 | 15 | -20 | 4 | 12 | 1 | 63 | 66 |
| 0 | 6 | 1 | 147 | 151 | -3 | 9 | 1 | 13 | 13 | 4 | 12 | 1 | 11 | 14 |
| 2 | 6 | 1 | 110 | -116 | -1 | 9 | 1 | 45 | -45 | 6 | 12 | 1 | 86 | -83 |
| 4 | 6 | 1 | 107 | -101 | 1 | 9 | 1 | 51 | 52 | 8 | 12 | 1 | 63 | -59 |
| 6 | 6 | 1 | 98 | 95 | 3 | 9 | 1 | 116 | 117 | 10 | 12 | 1 | 62 | -61 |
| 8 | 6 | 1 | 135 | -133 | 5 | 9 | 1 | 19 | -19 | 12 | 12 | 1 | 6 | -45 |
| 10 | 6 | 1 | 78 | 80 | 7 | 9 | 1 | 15 | -13 | 14 | 12 | 1 | 46 | 11 |
| 12 | 6 | 1 | 21 | -17 | 11 | 9 | 1 | 31 | -28 | 15 | 13 | 1 | 12 | -53 |
| 14 | 6 | 1 | 26 | -23 | 13 | 9 | 1 | 33 | -34 | -13 | 13 | 1 | 53 | -53 |
| 16 | 6 | 1 | 56 | -58 | -15 | 9 | 1 | 16 | 18 | -11 | 13 | 1 | 42 | 40 |
| 15 | 6 | 1 | 45 | -43 | -16 | 10 | 1 | 37 | -38 | -9 | 13 | 1 | 56 | -55 |
| -11 | 6 | 1 | 80 | -84 | -14 | 10 | 1 | 14 | -14 | -7 | 13 | 1 | 64 | -69 |
| -9 | 7 | 1 | 24 | -24 | -10 | 10 | 1 | 57 | -59 | -5 | 13 | 1 | 48 | 47 |
| -7 | 7 | 1 | 46 | -46 | -8 | 10 | 1 | 197 | 196 | -3 | 13 | 1 | 75 | -77 |
| -5 | 7 | 1 | 50 | -49 | -6 | 10 | 1 | 30 | -26 | -1 | 13 | 1 | 18 | 16 |
| -3 | 7 | 1 | 30 | -33 | -4 | 10 | 1 | 60 | 63 | 3 | 13 | 1 | 29 | -32 |
| -1 | 7 | 1 | 84 | -81 | -2 | 10 | 1 | 36 | 39 | 5 | 13 | 1 | 53 | -54 |
| 1 | 7 | 1 | 21 | -22 | 0 | 10 | 1 | 150 | -148 | 7 | 13 | 1 | 24 | 22 |
| 3 | 7 | 1 | 22 | 16 | 2 | 10 | 1 | 88 | 94 | 9 | 13 | 1 | 44 | -48 |
| 5 | 7 | 1 | 76 | -78 | 4 | 10 | 1 | 79 | -81 | 11 | 13 | 1 | 19 | 17 |
| 7 | 7 | 1 | 26 | -25 | 6 | 10 | 1 | 48 | 50 | 13 | 13 | 1 | 8 | 6 |
| 9 | 7 | 1 | 16 | 16 | 8 | 10 | 1 | 7 | 78 | 15 | 14 | 1 | 16 | -17 |
| 11 | 7 | 1 | 54 | 53 | 10 | 10 | 1 | 46 | -7 | 13 | 14 | 1 | 36 | 36 |
| 13 | 7 | 1 | 5 | -2 | 12 | 10 | 1 | 16 | 44 | 14 | 14 | 1 | 23 | -24 |
| 15 | 7 | 1 | 64 | -67 | -13 | 11 | 1 | 14 | 13 | -8 | 14 | 1 | 27 | 30 |
| 18 | 8 | 1 | 59 | -55 | -11 | 11 | 1 | 27 | -26 | -6 | 14 | 1 | 31 | -50 |
| -16 | 8 | 1 | 16 | 17 | -9 | 11 | 1 | 35 | 37 | 0 | 14 | 1 | 24 | 23 |

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 |
|-----|---|---|-----|------|-----|---|---|-----|------|-----|---|---|-----|------|-----|----|----|-----|------|
| -20 | 2 | 2 | 28 | 26 | -17 | 5 | 2 | 22 | -8 | 13 | 7 | 2 | 69 | -69 | -13 | 11 | 2 | 14 | 13 |
| -18 | 2 | 2 | 17 | 17 | -15 | 5 | 2 | 10 | -69 | -11 | 8 | 2 | 37 | 37 | -11 | 11 | 2 | 37 | 37 |
| -16 | 2 | 2 | 83 | 83 | -13 | 5 | 2 | 122 | -117 | -9 | 8 | 2 | 122 | -117 | -9 | 8 | 2 | 122 | -117 |
| -14 | 2 | 2 | 19 | -17 | -9 | 5 | 2 | 159 | -160 | -7 | 8 | 2 | 159 | -160 | -7 | 8 | 2 | 159 | -160 |
| -12 | 2 | 2 | 146 | -146 | -7 | 5 | 2 | 137 | -140 | -5 | 8 | 2 | 137 | -140 | -5 | 8 | 2 | 137 | -140 |
| -10 | 2 | 2 | 25 | 29 | -5 | 5 | 2 | 34 | 31 | -3 | 8 | 2 | 26 | 25 | -13 | 11 | 2 | 34 | 31 |
| -8 | 2 | 2 | 17 | -14 | -3 | 5 | 2 | 27 | -27 | -1 | 8 | 2 | 27 | -27 | -1 | 8 | 2 | 27 | -27 |
| -6 | 2 | 2 | 44 | -44 | -1 | 5 | 2 | 140 | -81 | -1 | 8 | 2 | 77 | 77 | -13 | 11 | 2 | 140 | -81 |
| -4 | 2 | 2 | 211 | 208 | -1 | 5 | 2 | 73 | 145 | -5 | 8 | 2 | 20 | 15 | -5 | 15 | 2 | 73 | 145 |
| -2 | 2 | 2 | 210 | -204 | 1 | 5 | 2 | 140 | -70 | -3 | 8 | 2 | 20 | 15 | -3 | 15 | 2 | 140 | -70 |
| 0 | 2 | 2 | 9 | 7 | 3 | 5 | 2 | 105 | -108 | -2 | 8 | 2 | 35 | -36 | 7 | 9 | 2 | 105 | -108 |
| 2 | 2 | 2 | 42 | -46 | 7 | 5 | 2 | 62 | -98 | -4 | 8 | 2 | 51 | -50 | 9 | 9 | 2 | 62 | -98 |
| 4 | 2 | 2 | 58 | -58 | 9 | 5 | 2 | 21 | -22 | 4 | 8 | 2 | 21 | -22 | 4 | 8 | 2 | 21 | -22 |
| 6 | 2 | 2 | 9 | 5 | 7 | 5 | 2 | 24 | -11 | 6 | 8 | 2 | 10 | -11 | 8 | 8 | 2 | 24 | -11 |
| 8 | 2 | 2 | 46 | -46 | 11 | 5 | 2 | 17 | 62 | 8 | 8 | 2 | 17 | 62 | 8 | 8 | 2 | 17 | 62 |
| 10 | 2 | 2 | 77 | 73 | 11 | 5 | 2 | 51 | -98 | 8 | 8 | 2 | 51 | -98 | 8 | 8 | 2 | 51 | -98 |
| 12 | 2 | 2 | 31 | 29 | -18 | 6 | 2 | 23 | -24 | 10 | 8 | 2 | 23 | -24 | 10 | 8 | 2 | 23 | -24 |
| 14 | 2 | 2 | 57 | -56 | -16 | 6 | 2 | 17 | 16 | 14 | 8 | 2 | 17 | 16 | 14 | 8 | 2 | 17 | 16 |
| 16 | 2 | 2 | 29 | -29 | -14 | 6 | 2 | 10 | 8 | 15 | 8 | 2 | 10 | 8 | 15 | 8 | 2 | 10 | 8 |
| 18 | 2 | 2 | 57 | -57 | -12 | 6 | 2 | 37 | -37 | -6 | 8 | 2 | 37 | -37 | -6 | 8 | 2 | 37 | -37 |
| 20 | 2 | 2 | 92 | -92 | -10 | 6 | 2 | 16 | -15 | -4 | 8 | 2 | 16 | -15 | -4 | 8 | 2 | 16 | -15 |
| 22 | 2 | 2 | 20 | -27 | -8 | 6 | 2 | 81 | -83 | -2 | 8 | 2 | 11 | 6 | 0 | 2 | 11 | 6 | 0 |
| 24 | 2 | 2 | 65 | -65 | -6 | 6 | 2 | 39 | 37 | 0 | 8 | 2 | 11 | 6 | 2 | 2 | 39 | 37 | 0 |
| 26 | 2 | 2 | 46 | -48 | -4 | 6 | 2 | 30 | 29 | 4 | 8 | 2 | 24 | -27 | 4 | 16 | 2 | 30 | 29 |
| 28 | 2 | 2 | 91 | -97 | -2 | 6 | 2 | 108 | 108 | 6 | 8 | 2 | 11 | 11 | 6 | 16 | 2 | 108 | 108 |
| 30 | 2 | 2 | 57 | 58 | 4 | 6 | 2 | 42 | -35 | 8 | 8 | 2 | 27 | -27 | 8 | 16 | 2 | 42 | -35 |
| 32 | 2 | 2 | 73 | -71 | 6 | 6 | 2 | 35 | 97 | 10 | 8 | 2 | 22 | 22 | 10 | 12 | 2 | 73 | -71 |
| 34 | 2 | 2 | 19 | -17 | 8 | 6 | 2 | 24 | -35 | 12 | 8 | 2 | 12 | 12 | 12 | 12 | 2 | 19 | -17 |
| 36 | 2 | 2 | 106 | -102 | 10 | 6 | 2 | 8 | 9 | 13 | 8 | 2 | 8 | 9 | 13 | 8 | 2 | 106 | -102 |
| 38 | 2 | 2 | 17 | -18 | 12 | 6 | 2 | 48 | 50 | 14 | 8 | 2 | 15 | 15 | 14 | 10 | 2 | 17 | -18 |
| 40 | 2 | 2 | 20 | -20 | 14 | 6 | 2 | 19 | 17 | 16 | 8 | 2 | 10 | 10 | 16 | 10 | 2 | 20 | -20 |
| 42 | 2 | 2 | 46 | -50 | 16 | 6 | 2 | 65 | 18 | 18 | 8 | 2 | 31 | 31 | 17 | 17 | 2 | 46 | -50 |
| 44 | 2 | 2 | 28 | -27 | 17 | 6 | 2 | 17 | 64 | 18 | 8 | 2 | 17 | 64 | 18 | 8 | 2 | 28 | -27 |
| 46 | 2 | 2 | 89 | 90 | -13 | 6 | 2 | 101 | 101 | -1 | 8 | 2 | 33 | 31 | -3 | 17 | 2 | 89 | 90 |
| 48 | 2 | 2 | 19 | -18 | -11 | 6 | 2 | 11 | 8 | -7 | 8 | 2 | 11 | 8 | -7 | 8 | 2 | 19 | -18 |
| 50 | 2 | 2 | 84 | -82 | -9 | 6 | 2 | 48 | 50 | -8 | 8 | 2 | 10 | 10 | -8 | 18 | 2 | 84 | -82 |
| 52 | 2 | 2 | 78 | -83 | -7 | 6 | 2 | 17 | 16 | 10 | 8 | 2 | 10 | 10 | 10 | 18 | 2 | 78 | -83 |
| 54 | 2 | 2 | 66 | -63 | -5 | 6 | 2 | 11 | 11 | 11 | 8 | 2 | 11 | 11 | 11 | 18 | 2 | 66 | -63 |
| 56 | 2 | 2 | 9 | 7 | -3 | 6 | 2 | 20 | -14 | 9 | 8 | 2 | 21 | -14 | 9 | 18 | 2 | 9 | 7 |
| 58 | 2 | 2 | 52 | -50 | -1 | 6 | 2 | 121 | 126 | 11 | 8 | 2 | 14 | 14 | 11 | 19 | 2 | 52 | -50 |
| 60 | 2 | 2 | 35 | -34 | 1 | 6 | 2 | 62 | 59 | 13 | 8 | 2 | 17 | 17 | 13 | 19 | 2 | 35 | -34 |
| 62 | 2 | 2 | 74 | -76 | 3 | 6 | 2 | 85 | 88 | 14 | 8 | 2 | 21 | 21 | 14 | 19 | 2 | 74 | -76 |
| 64 | 2 | 2 | 74 | -73 | 5 | 6 | 2 | 6 | 6 | 14 | 8 | 2 | 14 | 14 | 14 | 19 | 2 | 74 | -73 |
| 66 | 2 | 2 | 134 | -135 | 7 | 6 | 2 | 10 | -8 | 14 | 8 | 2 | 14 | 14 | 14 | 19 | 2 | 134 | -135 |
| 68 | 2 | 2 | 31 | 31 | 9 | 6 | 2 | 7 | -48 | 14 | 8 | 2 | 7 | -48 | 14 | 19 | 2 | 31 | 31 |
| 70 | 2 | 2 | 10 | -11 | 11 | 6 | 2 | 49 | 48 | 14 | 8 | 2 | 7 | 49 | 14 | 20 | 2 | 10 | -11 |
| 72 | 2 | 2 | 11 | 11 | 11 | 6 | 2 | 60 | -57 | 14 | 8 | 2 | 7 | 60 | 14 | 20 | 2 | 11 | 11 |
| 74 | 2 | 2 | 134 | -135 | 11 | 6 | 2 | 60 | -57 | 14 | 8 | 2 | 7 | 60 | 14 | 20 | 2 | 134 | -135 |
| 76 | 2 | 2 | 31 | 31 | 11 | 6 | 2 | 60 | -57 | 14 | 8 | 2 | 7 | 60 | 14 | 20 | 2 | 31 | 31 |

Table 3d (dehyd 3)

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

PAGE 4

| | H | K | L | F0 | FC | H | K | L | F0 | FC | H | K | L | F0 | FC | H | K | L | F0 | FC |
|-----|---|---|---|-----|------|-----|---|---|-----|------|-----|---|---|-----|------|-----|---|---|-----|------|
| -18 | 0 | 0 | 0 | 45 | 49 | 10 | 2 | 3 | 48 | -48 | 11 | 5 | 3 | 43 | -40 | 12 | 8 | 3 | 14 | -11 |
| -16 | 0 | 0 | 0 | 14 | 12 | 12 | 2 | 2 | 21 | -20 | -18 | 6 | 3 | 23 | 25 | -17 | 9 | 3 | 17 | -18 |
| -14 | 0 | 0 | 0 | 59 | -62 | 19 | 2 | 2 | 30 | -29 | -16 | 6 | 3 | 42 | -42 | -15 | 9 | 3 | 44 | -42 |
| -12 | 0 | 0 | 0 | 76 | 77 | 14 | 2 | 2 | 35 | -35 | -14 | 6 | 3 | 82 | 86 | -13 | 9 | 3 | 15 | -15 |
| -10 | 0 | 0 | 0 | 201 | -201 | -17 | 3 | 3 | 36 | -36 | -12 | 6 | 3 | 65 | -65 | -11 | 9 | 3 | 83 | -81 |
| -8 | 0 | 0 | 0 | 28 | -25 | -15 | 3 | 3 | 67 | -70 | -10 | 6 | 3 | 63 | 62 | -9 | 9 | 3 | 49 | 50 |
| -6 | 0 | 0 | 0 | 40 | -30 | -13 | 3 | 3 | 78 | -80 | -8 | 6 | 3 | 60 | -60 | -7 | 9 | 3 | 11 | 12 |
| -4 | 0 | 0 | 0 | 31 | -31 | -11 | 3 | 3 | 32 | -32 | -6 | 6 | 3 | 33 | 36 | -5 | 9 | 3 | 39 | 35 |
| -2 | 0 | 0 | 0 | 203 | 203 | -9 | 3 | 3 | 27 | -23 | -4 | 6 | 3 | 29 | -30 | -1 | 9 | 3 | 134 | -115 |
| 0 | 0 | 0 | 0 | 74 | -72 | -7 | 3 | 3 | 10 | -9 | 0 | 6 | 3 | 57 | 53 | 1 | 9 | 3 | 81 | 137 |
| 2 | 0 | 0 | 0 | 28 | 29 | -5 | 3 | 3 | 28 | -12 | -2 | 6 | 3 | 135 | 96 | 5 | 9 | 3 | 13 | 83 |
| 4 | 0 | 0 | 0 | 78 | -78 | -3 | 3 | 3 | 7 | 12 | 2 | 6 | 3 | 102 | -104 | 7 | 9 | 3 | 28 | -27 |
| 6 | 0 | 0 | 0 | 176 | -177 | -1 | 3 | 3 | 57 | -62 | 4 | 6 | 3 | 24 | -21 | 11 | 9 | 3 | 8 | -6 |
| 8 | 0 | 0 | 0 | 126 | 123 | 1 | 3 | 3 | 9 | -112 | 6 | 6 | 3 | 80 | 15 | 9 | 9 | 3 | 20 | 18 |
| 10 | 0 | 0 | 0 | 38 | 36 | 5 | 3 | 3 | 116 | -88 | 10 | 6 | 3 | 13 | 80 | -18 | 9 | 3 | 49 | 50 |
| 12 | 0 | 0 | 0 | 44 | 44 | 3 | 3 | 3 | 40 | 42 | 12 | 6 | 3 | 58 | -58 | -16 | 9 | 3 | 32 | -31 |
| 14 | 0 | 0 | 0 | 37 | 35 | 5 | 3 | 3 | 30 | -109 | -19 | 6 | 3 | 13 | -15 | -14 | 9 | 3 | 14 | -12 |
| 16 | 0 | 0 | 0 | 30 | 32 | 7 | 3 | 3 | 107 | -109 | -17 | 7 | 3 | 44 | 44 | -12 | 9 | 3 | 14 | -10 |
| 18 | 0 | 0 | 0 | 42 | -44 | 9 | 3 | 3 | 30 | 28 | -15 | 7 | 3 | 54 | -55 | -10 | 9 | 3 | 19 | 17 |
| 19 | 1 | 1 | 1 | 66 | 68 | 13 | 3 | 3 | 42 | -13 | -11 | 7 | 3 | 5 | -2 | -6 | 9 | 3 | 87 | 86 |
| 15 | 1 | 1 | 1 | 8 | 10 | 20 | 3 | 3 | 14 | 14 | -13 | 7 | 3 | 98 | -100 | -4 | 9 | 3 | 38 | 39 |
| 11 | 1 | 1 | 1 | 44 | 43 | -18 | 4 | 4 | 12 | 11 | -11 | 7 | 3 | 107 | -107 | -2 | 9 | 3 | 40 | 43 |
| 9 | 1 | 1 | 1 | 10 | 44 | -14 | 4 | 4 | 84 | -81 | -9 | 7 | 3 | 76 | 72 | 2 | 9 | 3 | 50 | 51 |
| 7 | 1 | 1 | 1 | 44 | 44 | -12 | 4 | 4 | 98 | -94 | -7 | 7 | 3 | 72 | -75 | 4 | 9 | 3 | 13 | 13 |
| 5 | 1 | 1 | 1 | 59 | 58 | -8 | 4 | 4 | 126 | 119 | -5 | 7 | 3 | 114 | 116 | 4 | 9 | 3 | 54 | -21 |
| 3 | 1 | 1 | 1 | 30 | 28 | -6 | 4 | 4 | 55 | -47 | -3 | 7 | 3 | 54 | -55 | 6 | 9 | 3 | 39 | 31 |
| 1 | 1 | 1 | 1 | 9 | 40 | -4 | 4 | 4 | 68 | -65 | -1 | 7 | 3 | 58 | -60 | 8 | 9 | 3 | 44 | 48 |
| 1 | 1 | 1 | 1 | 42 | 44 | -2 | 4 | 4 | 63 | -61 | 1 | 7 | 3 | 115 | -117 | -17 | 9 | 3 | 31 | 31 |
| 7 | 1 | 1 | 1 | 9 | 42 | -4 | 4 | 4 | 126 | -47 | -1 | 7 | 3 | 25 | -24 | -9 | 9 | 3 | 33 | 32 |
| 5 | 1 | 1 | 1 | 9 | 42 | -4 | 4 | 4 | 68 | -65 | 1 | 7 | 3 | 115 | -117 | -9 | 9 | 3 | 9 | 12 |
| 3 | 1 | 1 | 1 | 64 | 64 | 6 | 4 | 4 | 20 | -14 | 1 | 7 | 3 | 60 | -62 | -7 | 9 | 3 | 9 | 9 |
| 1 | 1 | 1 | 1 | 26 | -26 | 8 | 4 | 4 | 24 | -28 | 11 | 7 | 3 | 34 | 14 | -5 | 9 | 3 | 63 | 48 |
| 13 | 1 | 1 | 1 | 10 | -5 | 10 | 4 | 4 | 29 | 30 | -18 | 8 | 3 | 46 | -47 | -3 | 9 | 3 | 49 | 68 |
| 20 | 2 | 2 | 2 | 27 | -27 | 12 | 5 | 5 | 29 | -28 | -16 | 8 | 3 | 10 | -31 | -7 | 9 | 3 | 9 | -6 |
| 18 | 2 | 2 | 2 | 27 | -27 | 15 | 5 | 5 | 87 | 87 | -14 | 8 | 3 | 34 | 10 | -5 | 9 | 3 | 63 | 48 |
| 14 | 2 | 2 | 2 | 15 | -14 | 13 | 5 | 5 | 96 | 96 | -18 | 8 | 3 | 46 | -47 | -7 | 9 | 3 | 46 | 46 |
| 12 | 2 | 2 | 2 | 26 | -26 | 15 | 5 | 5 | 136 | 137 | -14 | 8 | 3 | 60 | -62 | -9 | 9 | 3 | 60 | 60 |
| 10 | 2 | 2 | 2 | 49 | -47 | 15 | 5 | 5 | 39 | 38 | -10 | 8 | 3 | 63 | -64 | -11 | 9 | 3 | 68 | -39 |
| 8 | 2 | 2 | 2 | 78 | -76 | 17 | 5 | 5 | 80 | 82 | -12 | 8 | 3 | 29 | -25 | -13 | 9 | 3 | 40 | 40 |
| 6 | 2 | 2 | 2 | 84 | -88 | 19 | 5 | 5 | 152 | 151 | -14 | 8 | 3 | 64 | -64 | -15 | 9 | 3 | 68 | -60 |
| 4 | 2 | 2 | 2 | 21 | -25 | 21 | 5 | 5 | 198 | 202 | -18 | 8 | 3 | 54 | -58 | -16 | 9 | 3 | 41 | 41 |
| 2 | 2 | 2 | 2 | 54 | -53 | 23 | 5 | 5 | 70 | -71 | -14 | 8 | 3 | 32 | -34 | -14 | 9 | 3 | 29 | -27 |
| 0 | 2 | 2 | 2 | 21 | -25 | 25 | 5 | 5 | 43 | 42 | -10 | 8 | 3 | 70 | -71 | -12 | 9 | 3 | 69 | 70 |
| 2 | 2 | 2 | 2 | 13 | -12 | 27 | 5 | 5 | 9 | -8 | -10 | 8 | 3 | 9 | -21 | -12 | 9 | 3 | 93 | 9 |
| 2 | 2 | 2 | 2 | 13 | -12 | 27 | 5 | 5 | 22 | -21 | -10 | 8 | 3 | 22 | -21 | -10 | 9 | 3 | 14 | -93 |
| 2 | 2 | 2 | 2 | 13 | -12 | 27 | 5 | 5 | 22 | -21 | -10 | 8 | 3 | 22 | -21 | -10 | 9 | 3 | 14 | -93 |
| 2 | 2 | 2 | 2 | 13 | -12 | 27 | 5 | 5 | 22 | -21 | -10 | 8 | 3 | 22 | -21 | -10 | 9 | 3 | 14 | -93 |

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 | 64 |
| -7 | 17 | 3 | 61 | 60 | 9 | 1 | 4 | 37 | 39 | 10 | 4 | 4 | 20 | 25 | 55 |
| -5 | 17 | 3 | 13 | -10 | 9 | 1 | 4 | 38 | 42 | 10 | 4 | 4 | 92 | 67 | 25 |
| -3 | 17 | 3 | 21 | 20 | -18 | 2 | 4 | 41 | -40 | -19 | 4 | 4 | 9 | 77 | 64 |
| -1 | 17 | 3 | 9 | 10 | -16 | 2 | 4 | 62 | 61 | -17 | 4 | 4 | 9 | 77 | 64 |
| 1 | 17 | 3 | 37 | -39 | -14 | 2 | 4 | 50 | -51 | -15 | 4 | 4 | 62 | 11 | 43 |
| 3 | 17 | 3 | 8 | 4 | -12 | 2 | 4 | 73 | -72 | -13 | 4 | 4 | 30 | 13 | 11 |
| 5 | 17 | 3 | 36 | -36 | -10 | 2 | 4 | 9 | 7 | -9 | 4 | 4 | 88 | 7 | 11 |
| 10 | 18 | 3 | 37 | -35 | -8 | 2 | 4 | 164 | -162 | -7 | 4 | 4 | 40 | 39 | 66 |
| -8 | 18 | 3 | 21 | 19 | -6 | 2 | 4 | 66 | 66 | -5 | 4 | 4 | 59 | 51 | 57 |
| -6 | 18 | 3 | 10 | -8 | -4 | 2 | 4 | 25 | 24 | -3 | 4 | 4 | 98 | 99 | 25 |
| -2 | 18 | 3 | 17 | 9 | -2 | 2 | 4 | 46 | -43 | -1 | 4 | 4 | 41 | 37 | 53 |
| 0 | 18 | 3 | 7 | -16 | 0 | 2 | 4 | 60 | 60 | 1 | 4 | 4 | 62 | 59 | 7 |
| 2 | 18 | 3 | 38 | -32 | 2 | 2 | 4 | 15 | -19 | 3 | 4 | 4 | 50 | 51 | 66 |
| -7 | 19 | 3 | 38 | 36 | 2 | 2 | 4 | 47 | -47 | 5 | 4 | 4 | 78 | 83 | 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 | 45 | 56 |
| -1 | 19 | 3 | 14 | -12 | 8 | 2 | 4 | 29 | -29 | 9 | 4 | 4 | 24 | 24 | 15 |
| -1 | 19 | 3 | 11 | 11 | 10 | 2 | 4 | 87 | 19 | 11 | 4 | 4 | 47 | 47 | 41 |
| -1 | 19 | 3 | 21 | -24 | 12 | 2 | 4 | 15 | -14 | -16 | 4 | 4 | 65 | 69 | 11 |
| -20 | 0 | 0 | 32 | 31 | -17 | 2 | 4 | 8 | 5 | -18 | 4 | 4 | 22 | 25 | 35 |
| -16 | 0 | 0 | 104 | -103 | -15 | 2 | 4 | 90 | -90 | -10 | 4 | 4 | 56 | 56 | 26 |
| -14 | 0 | 0 | 159 | 161 | -13 | 2 | 4 | 143 | 145 | -8 | 4 | 4 | 55 | 55 | 23 |
| -12 | 0 | 0 | 26 | -29 | -11 | 2 | 4 | 50 | -51 | -6 | 4 | 4 | 13 | 11 | 38 |
| -10 | 0 | 0 | 43 | 41 | -9 | 2 | 4 | 32 | 32 | -4 | 4 | 4 | 36 | 37 | 21 |
| -6 | 0 | 0 | 139 | 140 | -7 | 2 | 4 | 41 | 36 | -2 | 4 | 4 | 83 | 84 | 21 |
| -4 | 0 | 0 | 74 | -69 | -5 | 2 | 4 | 32 | 32 | 0 | 4 | 4 | 20 | 21 | 19 |
| -2 | 0 | 0 | 41 | 138 | -3 | 2 | 4 | 83 | -84 | 2 | 4 | 4 | 43 | 44 | 33 |
| 0 | 0 | 0 | 29 | -43 | -1 | 2 | 4 | 22 | -23 | 4 | 4 | 4 | 33 | 31 | 11 |
| 2 | 0 | 0 | 9 | 26 | 1 | 2 | 4 | 5 | 3 | 6 | 4 | 4 | 24 | 24 | 37 |
| 4 | 0 | 0 | 121 | 118 | 3 | 2 | 4 | 24 | 26 | 8 | 4 | 4 | 44 | 44 | 162 |
| 6 | 0 | 0 | 100 | 98 | 5 | 2 | 4 | 31 | 31 | 10 | 4 | 4 | 12 | 12 | 162 |
| 8 | 0 | 0 | 20 | 20 | 7 | 2 | 4 | 72 | -69 | 10 | 4 | 4 | 68 | 68 | 37 |
| 10 | 0 | 0 | 71 | 71 | 9 | 2 | 4 | 27 | -27 | 10 | 4 | 4 | 9 | 9 | 37 |
| 12 | 0 | 0 | 61 | -63 | -20 | 2 | 4 | 12 | 16 | 15 | 4 | 4 | 8 | 8 | 150 |
| 19 | 0 | 0 | 23 | 23 | -16 | 2 | 4 | 8 | -8 | 15 | 4 | 4 | 5 | 5 | 124 |
| 17 | 0 | 0 | 38 | -38 | -14 | 2 | 4 | 36 | 35 | 15 | 4 | 4 | 8 | 8 | 124 |
| 15 | 0 | 0 | 26 | -25 | -12 | 2 | 4 | 65 | 64 | 15 | 4 | 4 | 59 | 59 | 20 |
| 13 | 0 | 0 | 53 | 54 | -10 | 2 | 4 | 44 | 41 | 15 | 4 | 4 | 84 | 84 | 20 |
| 11 | 0 | 0 | 41 | -38 | -8 | 2 | 4 | 44 | 41 | 15 | 4 | 4 | 20 | 20 | 8 |
| 9 | 0 | 0 | 24 | -28 | -6 | 2 | 4 | 21 | -19 | 15 | 4 | 4 | 8 | 8 | 53 |
| 7 | 0 | 0 | 54 | -54 | -4 | 2 | 4 | 25 | -22 | 15 | 4 | 4 | 8 | 8 | 50 |
| 5 | 0 | 0 | 86 | -87 | -2 | 2 | 4 | 25 | 27 | 15 | 4 | 4 | 31 | 31 | 16 |
| 3 | 0 | 0 | 78 | 79 | 0 | 2 | 4 | 25 | 27 | 15 | 4 | 4 | 16 | 16 | 29 |
| 1 | 0 | 0 | 65 | -62 | 2 | 2 | 4 | 48 | 46 | 15 | 4 | 4 | 29 | 29 | 38 |
| 1 | 0 | 0 | 10 | 10 | 4 | 2 | 4 | 94 | -18 | 15 | 4 | 4 | 45 | 45 | 38 |

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 | 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 | -10 | 16 | 4 | 19 | -17 |
| -8 | 16 | 4 | 7 | -39 | -18 | 2 | 2 | 53 | -53 | -3 | 5 | 5 | 116 | 114 | -7 | 9 | 5 | 40 | -39 | 0 | 14 | 5 | 54 | 54 | -8 | 16 | 4 | 7 | -39 |
| -4 | 16 | 4 | 41 | -4 | -16 | 2 | 2 | 24 | -20 | -1 | 5 | 5 | 108 | -110 | -5 | 9 | 5 | 113 | 114 | 2 | 14 | 5 | 18 | 18 | -4 | 16 | 4 | 41 | -4 |
| -2 | 16 | 4 | 14 | -14 | -14 | 2 | 2 | 67 | -66 | 3 | 5 | 5 | 22 | 23 | -3 | 9 | 5 | 54 | -20 | -7 | 15 | 5 | 53 | 53 | -2 | 16 | 4 | 14 | -14 |
| 0 | 16 | 4 | 11 | 9 | -12 | 2 | 2 | 22 | -19 | 3 | 5 | 5 | 54 | 56 | 3 | 9 | 5 | 21 | 23 | -11 | 15 | 5 | 47 | 47 | 0 | 16 | 4 | 11 | 9 |
| 4 | 16 | 4 | 26 | 28 | -10 | 2 | 2 | 80 | -79 | 7 | 5 | 5 | 83 | 84 | 5 | 9 | 5 | 21 | 20 | -3 | 15 | 5 | 22 | 22 | 4 | 16 | 4 | 26 | 28 |
| -11 | 17 | 4 | 13 | -25 | -8 | 2 | 2 | 43 | -41 | 9 | 5 | 5 | 34 | 35 | 7 | 9 | 5 | 28 | 27 | -1 | 15 | 5 | 29 | 29 | -11 | 17 | 4 | 13 | -25 |
| -9 | 17 | 4 | 40 | 11 | -6 | 2 | 2 | 57 | -59 | 16 | 5 | 5 | 23 | -22 | 7 | 9 | 5 | 60 | 61 | -10 | 16 | 5 | 32 | 32 | -9 | 17 | 4 | 40 | 11 |
| -7 | 17 | 4 | 27 | 44 | -4 | 2 | 2 | 86 | -84 | -14 | 5 | 5 | 43 | -42 | -14 | 9 | 5 | 33 | -35 | -12 | 16 | 5 | 28 | 28 | -7 | 17 | 4 | 27 | 44 |
| -5 | 17 | 4 | 10 | -27 | -2 | 2 | 2 | 60 | -58 | -12 | 5 | 5 | 40 | -37 | -10 | 9 | 5 | 25 | -22 | -10 | 16 | 5 | 13 | 13 | -5 | 17 | 4 | 10 | -27 |
| -3 | 17 | 4 | 71 | -72 | 0 | 2 | 2 | 43 | -44 | -8 | 5 | 5 | 58 | -49 | -8 | 9 | 5 | 26 | -25 | -10 | 16 | 5 | 24 | 24 | -3 | 17 | 4 | 71 | -72 |
| -1 | 17 | 4 | 30 | -26 | 4 | 2 | 2 | 16 | -100 | -6 | 5 | 5 | 67 | -56 | -6 | 9 | 5 | 17 | -13 | -10 | 16 | 5 | 27 | 27 | -1 | 17 | 4 | 30 | -26 |
| -1 | 18 | 4 | 18 | -18 | 4 | 2 | 2 | 15 | -15 | -4 | 5 | 5 | 22 | -22 | -4 | 9 | 5 | 14 | -14 | -8 | 16 | 5 | 10 | 10 | -1 | 18 | 4 | 18 | -18 |
| -8 | 18 | 4 | 14 | 8 | -19 | 2 | 2 | 10 | -7 | -2 | 5 | 5 | 30 | 31 | 0 | 9 | 5 | 17 | 14 | -2 | 16 | 5 | 10 | 10 | -8 | 18 | 4 | 14 | 8 |
| -6 | 18 | 4 | 51 | -51 | -15 | 2 | 2 | 43 | -41 | 0 | 5 | 5 | 53 | -54 | 0 | 9 | 5 | 19 | 16 | -2 | 16 | 5 | 10 | 10 | -6 | 18 | 4 | 51 | -51 |
| -4 | 18 | 4 | 28 | -29 | -13 | 2 | 2 | 51 | -50 | 2 | 5 | 5 | 15 | -17 | 4 | 9 | 5 | 22 | -17 | -10 | 16 | 5 | 17 | 17 | -4 | 18 | 4 | 28 | -29 |
| -20 | 18 | 4 | 105 | 106 | -5 | 2 | 2 | 68 | -72 | 6 | 5 | 5 | 12 | -12 | 4 | 9 | 5 | 22 | -12 | -15 | 17 | 5 | 101 | 101 | -20 | 18 | 4 | 105 | 106 |
| -18 | 0 | 0 | 13 | 8 | -7 | 3 | 3 | 103 | -104 | -17 | 5 | 5 | 12 | -13 | -15 | 11 | 5 | 22 | -13 | -9 | 17 | 5 | 67 | 67 | -18 | 0 | 0 | 13 | 8 |
| -16 | 0 | 0 | 58 | 70 | -3 | 3 | 3 | 42 | -42 | -11 | 5 | 5 | 91 | -92 | -7 | 11 | 5 | 28 | -27 | -5 | 17 | 5 | 61 | 61 | -16 | 0 | 0 | 58 | 70 |
| -14 | 0 | 0 | 172 | -172 | -1 | 3 | 3 | 61 | -65 | -11 | 5 | 5 | 14 | -16 | -9 | 11 | 5 | 15 | -15 | -7 | 17 | 5 | 83 | 83 | -14 | 0 | 0 | 172 | -172 |
| -12 | 0 | 0 | 133 | 134 | 3 | 3 | 3 | 70 | -82 | -13 | 5 | 5 | 81 | -82 | -3 | 11 | 5 | 19 | -19 | -3 | 17 | 5 | 67 | 67 | -12 | 0 | 0 | 133 | 134 |
| -10 | 0 | 0 | 47 | 71 | 5 | 3 | 3 | 14 | -15 | -7 | 5 | 5 | 50 | -49 | 1 | 11 | 5 | 58 | -56 | -1 | 17 | 5 | 15 | 15 | -10 | 0 | 0 | 47 | 71 |
| -6 | 0 | 0 | 191 | 189 | 7 | 3 | 3 | 57 | -57 | -5 | 5 | 5 | 65 | -65 | 3 | 11 | 5 | 24 | -24 | 0 | 17 | 5 | 18 | 18 | -6 | 0 | 0 | 191 | 189 |
| -4 | 0 | 0 | 45 | -47 | 9 | 3 | 3 | 20 | -32 | -1 | 5 | 5 | 70 | -69 | -1 | 11 | 5 | 24 | -23 | -10 | 17 | 5 | 20 | 20 | -4 | 0 | 0 | 45 | -47 |
| -2 | 0 | 0 | 163 | -167 | -16 | 4 | 4 | 36 | -43 | 5 | 5 | 5 | 34 | -49 | -6 | 12 | 5 | 34 | -36 | -8 | 17 | 5 | 34 | 34 | -2 | 0 | 0 | 163 | -167 |
| 6 | 0 | 0 | 49 | -49 | -12 | 4 | 4 | 7 | 43 | 7 | 5 | 5 | 29 | -29 | 7 | 12 | 5 | 20 | -20 | -4 | 17 | 5 | 16 | 16 | 6 | 0 | 0 | 49 | -49 |
| 8 | 0 | 0 | 43 | 42 | -10 | 4 | 4 | 44 | -43 | 7 | 5 | 5 | 34 | -37 | -8 | 12 | 5 | 24 | -27 | -2 | 17 | 5 | 16 | 16 | 8 | 0 | 0 | 43 | 42 |
| -19 | 1 | 1 | 23 | 25 | -8 | 4 | 4 | 44 | -43 | -16 | 5 | 5 | 20 | -20 | -16 | 12 | 5 | 34 | -37 | 0 | 17 | 5 | 16 | 16 | -19 | 1 | 1 | 23 | 25 |
| -17 | 1 | 1 | 22 | 22 | -6 | 4 | 4 | 25 | -27 | -14 | 5 | 5 | 18 | -18 | -12 | 12 | 5 | 34 | -37 | -2 | 17 | 5 | 16 | 16 | -17 | 1 | 1 | 22 | 22 |
| -15 | 1 | 1 | 10 | 12 | -4 | 4 | 4 | 99 | -99 | -12 | 5 | 5 | 13 | -13 | -10 | 12 | 5 | 76 | -74 | 0 | 17 | 5 | 16 | 16 | -15 | 1 | 1 | 10 | 12 |
| -13 | 1 | 1 | 55 | 59 | -2 | 4 | 4 | 49 | -49 | -10 | 5 | 5 | 76 | -74 | -15 | 12 | 5 | 13 | -11 | -13 | 17 | 5 | 16 | 16 | -13 | 1 | 1 | 55 | 59 |
| -11 | 1 | 1 | 70 | 72 | 0 | 4 | 4 | 108 | 111 | -8 | 5 | 5 | 48 | -48 | -13 | 13 | 5 | 48 | -48 | -11 | 17 | 5 | 16 | 16 | -11 | 1 | 1 | 70 | 72 |
| -9 | 1 | 1 | 35 | 38 | 2 | 4 | 4 | 43 | -43 | -6 | 5 | 5 | 8 | -8 | -11 | 13 | 5 | 8 | -8 | -9 | 17 | 5 | 16 | 16 | -9 | 1 | 1 | 35 | 38 |
| -7 | 1 | 1 | 46 | 45 | 6 | 4 | 4 | 56 | -59 | -4 | 5 | 5 | 65 | -64 | -9 | 13 | 5 | 46 | -50 | -7 | 17 | 5 | 16 | 16 | -7 | 1 | 1 | 46 | 45 |
| -5 | 1 | 1 | 31 | 33 | 8 | 4 | 4 | 15 | -12 | 0 | 5 | 5 | 54 | -54 | -3 | 13 | 5 | 37 | -38 | -3 | 17 | 5 | 16 | 16 | -5 | 1 | 1 | 31 | 33 |
| -3 | 1 | 1 | 29 | 31 | -19 | 5 | 5 | 24 | -23 | 2 | 5 | 5 | 14 | -16 | 3 | 13 | 5 | 11 | -12 | -14 | 17 | 5 | 16 | 16 | -3 | 1 | 1 | 29 | 31 |
| -1 | 1 | 1 | 8 | 11 | -11 | 5 | 5 | 4 | -38 | 8 | 5 | 5 | 10 | -9 | 1 | 14 | 5 | 11 | -11 | -14 | 17 | 5 | 16 | 16 | -1 | 1 | 1 | 8 | 11 |
| 9 | 1 | 1 | 14 | 13 | -9 | 5 | 5 | 55 | 56 | -13 | 5 | 5 | 29 | -27 | -8 | 14 | 5 | 22 | -21 | -14 | 17 | 5 | 16 | 16 | 9 | 1 | 1 | 14 | 13 |
| 7 | 1 | 1 | 20 | 21 | -7 | 5 | 5 | 181 | 21 | -11 | 5 | 5 | 53 | -50 | -6 | 14 | 5 | 26 | -25 | -6 | 17 | 5 | 16 | 16 | 7 | 1 | 1 | 20 | 21 |

Table 3d (denyd 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 | F0 | FC |
| -4 | 0 | 0 | 28 | -28 | 4 | 6 | 6 | 11 | -12 | -3 | 11 | 6 | 29 | 26 | -14 | 7 |
| 0 | 0 | 0 | 70 | -71 | 6 | 7 | 6 | 11 | -59 | 1 | 11 | 6 | 28 | -32 | -12 | 7 |
| 4 | 4 | 6 | 39 | 38 | 7 | 6 | 6 | 12 | 85 | -14 | 12 | 6 | 89 | 85 | -10 | 7 |
| 4 | 6 | 6 | 34 | -37 | 7 | 7 | 6 | 12 | -24 | -12 | 12 | 6 | 70 | -69 | -8 | 7 |
| 6 | 6 | 6 | 15 | -15 | 7 | 7 | 6 | 12 | -29 | -10 | 12 | 6 | 12 | 13 | -6 | 7 |
| 6 | 6 | 6 | 22 | -22 | 7 | 7 | 6 | 12 | -73 | -8 | 12 | 6 | 22 | -20 | -2 | 7 |
| 6 | 6 | 6 | 22 | -22 | 7 | 7 | 6 | 12 | 42 | -6 | 12 | 6 | 80 | -81 | -2 | 7 |
| 6 | 6 | 6 | 85 | -87 | 7 | 7 | 6 | 12 | 23 | -4 | 12 | 6 | 31 | -33 | 0 | 7 |
| 6 | 6 | 6 | 32 | 32 | 7 | 7 | 6 | 12 | 28 | -2 | 12 | 6 | 28 | -26 | 2 | 7 |
| 6 | 6 | 6 | 25 | -25 | 7 | 7 | 6 | 12 | -1 | -2 | 12 | 6 | 17 | 17 | -17 | 7 |
| 6 | 6 | 6 | 68 | 64 | 7 | 7 | 6 | 13 | -65 | -13 | 13 | 6 | 29 | -28 | -15 | 7 |
| 6 | 6 | 6 | 56 | -56 | 7 | 7 | 6 | 13 | -19 | -11 | 13 | 6 | 65 | -64 | -13 | 7 |
| 6 | 6 | 6 | 17 | -17 | 7 | 7 | 6 | 13 | -41 | -11 | 13 | 6 | 19 | -18 | -11 | 7 |
| 6 | 6 | 6 | 14 | -14 | 7 | 7 | 6 | 13 | 9 | -5 | 13 | 6 | 9 | -9 | -9 | 7 |
| 6 | 6 | 6 | 87 | -86 | 7 | 7 | 6 | 13 | 39 | -7 | 13 | 6 | 18 | -16 | -7 | 7 |
| 6 | 6 | 6 | 57 | 57 | 7 | 7 | 6 | 14 | -26 | -5 | 14 | 6 | 24 | -26 | -5 | 7 |
| 6 | 6 | 6 | 22 | -22 | 7 | 7 | 6 | 14 | 8 | -10 | 14 | 6 | 11 | -14 | 3 | 7 |
| 6 | 6 | 6 | 20 | -20 | 7 | 7 | 6 | 14 | -29 | -8 | 14 | 6 | 40 | -40 | -18 | 7 |
| 6 | 6 | 6 | 45 | 49 | 7 | 7 | 6 | 14 | -20 | -4 | 14 | 6 | 19 | 18 | -14 | 7 |
| 6 | 6 | 6 | 54 | 51 | 7 | 7 | 6 | 14 | -59 | -4 | 14 | 6 | 17 | -19 | -18 | 7 |
| 6 | 6 | 6 | 37 | 36 | 7 | 7 | 6 | 14 | -25 | -9 | 14 | 6 | 23 | -22 | -10 | 7 |
| 6 | 6 | 6 | 9 | 10 | 7 | 7 | 6 | 15 | -17 | -7 | 15 | 6 | 6 | -22 | -10 | 7 |
| 6 | 6 | 6 | 14 | -13 | 7 | 7 | 6 | 15 | 24 | -5 | 15 | 6 | 32 | 6 | -4 | 7 |
| 6 | 6 | 6 | 13 | -15 | 7 | 7 | 6 | 15 | -24 | -18 | 15 | 6 | 7 | -7 | -4 | 7 |
| 6 | 6 | 6 | 7 | 8 | 7 | 7 | 6 | 15 | 16 | -8 | 15 | 6 | 44 | 49 | -2 | 7 |
| 6 | 6 | 6 | 8 | -8 | 7 | 7 | 6 | 15 | 54 | -16 | 15 | 6 | 77 | 76 | 0 | 7 |
| 6 | 6 | 6 | 21 | 20 | 7 | 7 | 6 | 15 | -16 | -14 | 15 | 6 | 12 | -14 | -15 | 7 |
| 6 | 6 | 6 | 13 | -11 | 7 | 7 | 6 | 15 | 52 | -12 | 15 | 6 | 43 | -40 | -13 | 7 |
| 6 | 6 | 6 | 82 | -83 | 7 | 7 | 6 | 15 | -54 | -10 | 15 | 6 | 38 | -36 | -11 | 7 |
| 6 | 6 | 6 | 13 | 12 | 7 | 7 | 6 | 15 | 17 | -6 | 15 | 6 | 7 | -11 | -9 | 7 |
| 6 | 6 | 6 | 10 | 8 | 7 | 7 | 6 | 15 | -33 | -4 | 15 | 6 | 22 | -24 | -5 | 7 |
| 6 | 6 | 6 | 72 | -70 | 7 | 7 | 6 | 15 | 42 | -2 | 15 | 6 | 10 | -7 | -3 | 7 |
| 6 | 6 | 6 | 13 | 13 | 7 | 7 | 6 | 15 | 53 | -4 | 15 | 6 | 27 | -27 | -5 | 7 |
| 6 | 6 | 6 | 10 | 7 | 7 | 7 | 6 | 15 | -7 | -6 | 15 | 6 | 43 | -45 | -1 | 7 |
| 6 | 6 | 6 | 81 | 79 | 7 | 7 | 6 | 15 | -10 | -2 | 15 | 6 | 29 | -27 | -1 | 7 |
| 6 | 6 | 6 | 25 | 22 | 7 | 7 | 6 | 15 | 66 | 0 | 15 | 6 | 42 | 46 | -1 | 7 |
| 6 | 6 | 6 | 61 | 61 | 7 | 7 | 6 | 15 | 9 | 0 | 15 | 6 | 27 | 27 | -1 | 7 |
| 6 | 6 | 6 | 13 | -16 | 7 | 7 | 6 | 15 | -27 | 0 | 15 | 6 | 43 | -45 | -1 | 7 |
| 6 | 6 | 6 | 27 | 27 | 7 | 7 | 6 | 15 | 6 | 0 | 15 | 6 | 9 | -6 | -1 | 7 |
| 6 | 6 | 6 | 9 | -8 | 7 | 7 | 6 | 15 | 71 | -9 | 15 | 6 | 48 | -49 | -8 | 7 |
| 6 | 6 | 6 | 25 | -27 | 7 | 7 | 6 | 15 | 16 | -5 | 15 | 6 | 27 | -28 | -8 | 7 |
| 6 | 6 | 6 | 60 | -60 | 7 | 7 | 6 | 15 | 41 | -7 | 15 | 6 | 61 | -60 | -6 | 7 |
| 6 | 6 | 6 | 41 | 40 | 7 | 7 | 6 | 15 | 24 | -3 | 15 | 6 | 13 | -13 | -4 | 7 |
| 6 | 6 | 6 | 38 | -41 | 7 | 7 | 6 | 15 | 21 | -5 | 15 | 6 | 18 | -16 | -4 | 7 |
| 6 | 6 | 6 | 83 | -83 | 7 | 7 | 6 | 15 | 35 | -3 | 15 | 6 | 35 | -33 | -2 | 7 |
| 6 | 6 | 6 | 109 | -111 | 7 | 7 | 6 | 15 | 50 | -1 | 15 | 6 | 18 | -17 | 0 | 7 |
| 6 | 6 | 6 | 45 | -47 | 7 | 7 | 6 | 15 | -31 | 3 | 15 | 6 | 21 | -21 | 2 | 7 |

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 | 2 | 6 | 0 | 36 | -27 | 12 | 12 | 0 | 40 | 43 |
| 8 | 0 | 0 | 114 | -109 | 0 | 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 | 25 | -24 | 13 | 13 | 0 | 54 | -51 |
| 1 | 0 | 0 | 47 | -40 | 16 | 6 | 0 | 26 | 24 | 0 | 14 | 0 | 61 | -68 |
| 3 | 0 | 0 | 49 | 56 | 3 | 7 | 0 | 60 | -67 | 4 | 14 | 0 | 82 | -78 |
| 5 | 0 | 0 | 27 | 23 | 5 | 7 | 0 | 47 | 47 | 6 | 14 | 0 | 52 | 55 |
| 7 | 0 | 0 | 39 | -39 | 7 | 7 | 0 | 77 | -71 | 8 | 14 | 0 | 29 | -30 |
| 9 | 0 | 0 | 28 | 27 | 9 | 7 | 0 | 72 | -71 | 10 | 14 | 0 | 31 | 27 |
| 11 | 0 | 0 | 28 | -29 | 11 | 7 | 0 | 50 | 54 | 12 | 14 | 0 | 31 | -31 |
| 13 | 0 | 0 | 27 | 29 | 13 | 7 | 0 | 25 | -24 | 1 | 15 | 0 | 41 | 42 |
| 0 | 0 | 0 | 242 | -267 | 0 | 8 | 0 | 204 | 194 | 9 | 15 | 0 | 34 | -33 |
| 2 | 0 | 0 | 63 | -57 | 2 | 8 | 0 | 27 | 31 | 11 | 15 | 0 | 41 | 40 |
| 4 | 0 | 0 | 74 | -75 | 4 | 8 | 0 | 43 | -44 | 2 | 16 | 0 | 33 | 45 |
| 6 | 0 | 0 | 34 | 36 | 6 | 8 | 0 | 43 | -44 | 4 | 16 | 0 | 33 | 30 |
| 8 | 0 | 0 | 58 | 59 | 8 | 8 | 0 | 145 | -146 | 6 | 16 | 0 | 65 | -60 |
| 10 | 0 | 0 | 17 | 20 | 10 | 8 | 0 | 66 | 64 | 8 | 16 | 0 | 27 | 25 |
| 12 | 0 | 0 | 57 | -54 | 12 | 8 | 0 | 47 | -46 | 1 | 17 | 0 | 19 | 11 |
| 14 | 0 | 0 | 17 | -18 | 14 | 8 | 0 | 48 | -48 | 3 | 17 | 0 | 12 | 17 |
| 16 | 0 | 0 | 24 | -30 | 1 | 9 | 0 | 12 | -11 | 5 | 17 | 0 | 13 | 17 |
| 18 | 0 | 0 | 28 | -24 | 3 | 9 | 0 | 81 | -82 | 7 | 17 | 0 | 20 | 20 |
| 1 | 0 | 0 | 145 | -156 | 5 | 9 | 0 | 58 | -61 | 9 | 17 | 0 | 30 | 26 |
| 3 | 0 | 0 | 91 | 84 | 7 | 9 | 0 | 19 | 19 | 0 | 18 | 0 | 39 | -38 |
| 5 | 0 | 0 | 171 | -167 | 9 | 9 | 0 | 26 | 29 | 2 | 18 | 0 | 28 | -27 |
| 7 | 0 | 0 | 20 | 20 | 11 | 9 | 0 | 13 | -22 | 4 | 18 | 0 | 18 | 17 |
| 9 | 0 | 0 | 32 | -27 | 13 | 9 | 0 | 20 | -22 | 6 | 18 | 0 | 14 | -14 |
| 11 | 0 | 0 | 25 | -25 | 15 | 9 | 0 | 13 | -25 | 8 | 18 | 0 | 15 | -9 |
| 13 | 0 | 0 | 32 | -34 | 2 | 10 | 0 | 77 | 77 | 1 | 19 | 0 | 47 | 48 |
| 15 | 0 | 0 | 55 | -54 | 4 | 10 | 0 | 25 | 31 | 3 | 19 | 0 | 23 | -22 |
| 17 | 0 | 0 | 65 | -61 | 6 | 10 | 0 | 67 | 92 | 5 | 19 | 0 | 15 | -14 |
| 2 | 0 | 0 | 257 | 263 | 8 | 10 | 0 | 92 | 70 | 7 | 19 | 0 | 46 | 46 |
| 4 | 0 | 0 | 9 | -2 | 10 | 10 | 0 | 92 | 92 | 9 | 19 | 0 | 22 | -12 |
| 6 | 0 | 0 | 41 | 31 | 14 | 10 | 0 | 14 | -10 | 11 | 19 | 0 | 22 | -12 |
| 8 | 0 | 0 | 50 | 42 | 1 | 11 | 0 | 119 | -11 | 13 | 19 | 0 | 119 | 125 |
| 10 | 0 | 0 | 31 | -29 | 3 | 11 | 0 | 120 | 113 | 16 | 19 | 0 | 72 | 69 |
| 12 | 0 | 0 | 36 | -33 | 5 | 11 | 0 | 57 | -61 | 2 | 20 | 0 | 62 | -69 |
| 14 | 0 | 0 | 86 | 86 | 9 | 11 | 0 | 117 | 118 | 4 | 20 | 0 | 166 | -175 |
| 1 | 0 | 0 | 66 | 56 | 11 | 11 | 0 | 66 | -38 | 6 | 20 | 0 | 160 | 151 |
| 3 | 0 | 0 | 50 | -59 | 13 | 11 | 0 | 39 | -38 | 8 | 20 | 0 | 76 | 75 |
| 5 | 0 | 0 | 136 | 138 | 15 | 11 | 0 | 141 | 135 | 10 | 20 | 0 | 81 | 83 |
| 7 | 0 | 0 | 75 | 80 | 2 | 12 | 0 | 39 | -42 | 12 | 20 | 0 | 70 | -65 |
| 9 | 0 | 0 | 38 | -39 | 4 | 12 | 0 | 23 | 24 | 14 | 20 | 0 | 105 | -101 |
| 11 | 0 | 0 | 68 | 68 | 6 | 12 | 0 | 16 | -8 | 1 | 21 | 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 | -19 | 5 | 2 | 31 | 25 |
| 13 | 7 | 1 | 22 | -20 | 1 | 11 | 1 | 37 | 44 | 0 | 16 | 1 | 50 | 50 | -10 | 2 | 2 | 69 | -70 | -17 | 5 | 2 | 40 | 44 |
| -16 | 8 | 1 | 31 | -30 | 3 | 11 | 1 | 36 | -31 | 6 | 16 | 1 | 39 | 41 | -8 | 2 | 2 | 9 | -8 | -15 | 5 | 2 | 24 | -24 |
| -14 | 8 | 1 | 39 | -39 | 5 | 11 | 1 | 67 | 67 | 8 | 16 | 1 | 15 | 12 | -6 | 2 | 2 | 10 | -10 | -11 | 5 | 2 | 60 | 56 |
| -12 | 8 | 1 | 50 | -47 | 7 | 11 | 1 | 83 | 81 | -9 | 17 | 1 | 15 | 13 | -4 | 2 | 2 | 176 | -171 | -9 | 5 | 2 | 27 | -32 |
| -8 | 8 | 1 | 65 | -70 | 9 | 11 | 1 | 21 | 21 | -5 | 17 | 1 | 68 | -67 | -2 | 2 | 2 | 137 | -123 | -7 | 5 | 2 | 93 | 96 |
| -6 | 8 | 1 | 104 | -105 | 13 | 11 | 1 | 21 | 24 | -3 | 17 | 1 | 87 | 79 | 0 | 2 | 2 | 117 | -118 | -5 | 5 | 2 | 73 | 81 |
| -2 | 8 | 1 | 28 | -27 | -14 | 12 | 1 | 22 | -29 | -1 | 17 | 1 | 50 | -50 | 2 | 2 | 2 | 25 | -21 | -1 | 5 | 2 | 53 | 59 |
| 0 | 8 | 1 | 20 | 16 | -8 | 12 | 1 | 14 | 48 | 7 | 17 | 1 | 49 | 48 | 2 | 2 | 2 | 17 | -18 | -1 | 5 | 2 | 123 | -3 |
| 2 | 8 | 1 | 170 | -171 | -6 | 12 | 1 | 84 | 85 | -8 | 18 | 1 | 20 | -22 | 4 | 2 | 2 | 25 | -47 | 1 | 5 | 2 | 64 | -25 |
| 6 | 8 | 1 | 28 | -23 | -4 | 12 | 1 | 44 | 46 | -6 | 18 | 1 | 26 | -18 | 8 | 2 | 2 | 35 | 33 | 5 | 5 | 2 | 89 | 59 |
| 8 | 8 | 1 | 22 | -26 | -4 | 12 | 1 | 26 | 27 | -4 | 18 | 1 | 21 | -22 | 12 | 2 | 2 | 18 | 16 | 7 | 5 | 2 | 64 | -48 |
| 8 | 8 | 1 | 22 | -25 | -2 | 12 | 1 | 41 | -47 | -2 | 18 | 1 | 21 | -8 | 19 | 2 | 2 | 30 | -31 | 9 | 5 | 2 | 48 | 87 |
| 12 | 8 | 1 | 44 | -45 | 4 | 12 | 1 | 54 | -56 | 0 | 18 | 1 | 20 | 19 | -1 | 2 | 2 | 60 | -59 | 11 | 5 | 2 | 67 | -48 |
| -11 | 9 | 1 | 63 | 64 | 2 | 12 | 1 | 39 | 39 | 2 | 19 | 1 | 29 | 17 | -1 | 2 | 2 | 22 | -23 | 13 | 5 | 2 | 16 | 13 |
| -9 | 9 | 1 | 120 | -121 | 6 | 12 | 1 | 24 | 28 | -5 | 19 | 1 | 29 | -29 | -7 | 2 | 2 | 22 | -49 | -18 | 5 | 2 | 52 | -20 |
| -7 | 9 | 1 | 36 | -34 | 10 | 12 | 1 | 36 | -37 | -14 | 2 | 1 | 60 | 60 | -9 | 2 | 2 | 68 | 67 | -16 | 6 | 2 | 30 | -39 |
| -5 | 9 | 1 | 48 | -53 | 12 | 12 | 1 | 13 | -12 | -10 | 2 | 1 | 23 | -22 | -5 | 2 | 2 | 64 | -60 | -18 | 6 | 2 | 18 | 18 |
| -3 | 9 | 1 | 14 | 15 | -11 | 13 | 1 | 36 | -30 | -8 | 2 | 1 | 29 | 29 | -7 | 2 | 2 | 29 | -64 | -14 | 6 | 2 | 39 | -78 |
| -1 | 9 | 1 | 11 | -6 | 10 | 12 | 1 | 36 | 30 | -6 | 2 | 1 | 60 | 60 | -9 | 2 | 2 | 68 | 67 | -12 | 6 | 2 | 81 | 24 |
| 1 | 9 | 1 | 11 | 33 | -13 | 13 | 1 | 13 | -12 | -10 | 2 | 1 | 23 | -22 | -5 | 2 | 2 | 29 | -64 | -14 | 6 | 2 | 30 | -39 |
| 1 | 9 | 1 | 83 | -82 | -13 | 13 | 1 | 13 | 58 | 0 | 2 | 1 | 185 | 181 | 1 | 2 | 2 | 33 | -22 | -8 | 6 | 2 | 13 | 13 |
| 5 | 9 | 1 | 44 | 42 | 10 | 12 | 1 | 39 | -30 | -6 | 2 | 1 | 225 | 228 | -5 | 2 | 2 | 21 | -20 | -16 | 6 | 2 | 30 | -7 |
| 7 | 9 | 1 | 100 | -102 | 12 | 12 | 1 | 30 | 30 | -4 | 2 | 1 | 60 | 60 | -9 | 2 | 2 | 60 | 60 | -12 | 6 | 2 | 102 | 112 |
| 9 | 9 | 1 | 44 | 42 | 10 | 12 | 1 | 39 | -30 | -6 | 2 | 1 | 225 | 228 | -5 | 2 | 2 | 21 | -20 | -16 | 6 | 2 | 30 | -7 |
| 9 | 9 | 1 | 83 | -82 | -13 | 13 | 1 | 13 | 58 | 0 | 2 | 1 | 185 | 181 | 1 | 2 | 2 | 33 | -22 | -8 | 6 | 2 | 13 | 13 |
| 13 | 9 | 1 | 15 | 14 | -11 | 13 | 1 | 13 | -12 | -10 | 2 | 1 | 23 | -22 | -5 | 2 | 2 | 29 | -64 | -14 | 6 | 2 | 30 | -39 |
| 13 | 9 | 1 | 15 | 14 | -11 | 13 | 1 | 13 | -12 | -10 | 2 | 1 | 23 | -22 | -5 | 2 | 2 | 29 | -64 | -14 | 6 | 2 | 30 | -39 |
| -16 | 10 | 1 | 17 | -16 | 9 | 13 | 1 | 41 | -43 | 2 | 2 | 1 | 125 | 142 | 1 | 2 | 2 | 54 | -40 | 10 | 6 | 2 | 43 | 43 |
| -14 | 10 | 1 | 94 | 93 | 7 | 13 | 1 | 41 | -43 | 2 | 2 | 1 | 125 | 142 | 1 | 2 | 2 | 54 | -40 | 10 | 6 | 2 | 43 | 43 |
| -10 | 10 | 1 | 50 | 51 | 9 | 13 | 1 | 41 | -43 | 2 | 2 | 1 | 125 | 142 | 1 | 2 | 2 | 54 | -40 | 10 | 6 | 2 | 43 | 43 |
| -8 | 10 | 1 | 44 | 41 | 9 | 13 | 1 | 41 | -43 | 2 | 2 | 1 | 125 | 142 | 1 | 2 | 2 | 54 | -40 | 10 | 6 | 2 | 43 | 43 |
| -6 | 10 | 1 | 148 | -148 | -6 | 14 | 1 | 62 | -59 | 10 | 2 | 1 | 103 | 101 | -1 | 2 | 2 | 60 | -61 | 12 | 6 | 2 | 41 | 41 |
| -4 | 10 | 1 | 22 | 19 | -4 | 14 | 1 | 25 | -27 | -19 | 2 | 1 | 52 | 57 | -16 | 2 | 2 | 62 | -61 | 12 | 6 | 2 | 23 | 23 |
| -2 | 10 | 1 | 101 | 100 | -2 | 14 | 1 | 18 | -15 | -17 | 2 | 1 | 24 | 29 | -14 | 2 | 2 | 71 | 71 | -11 | 7 | 2 | 45 | 45 |
| 0 | 10 | 1 | 169 | 167 | 0 | 14 | 1 | 35 | 30 | -15 | 2 | 1 | 22 | 29 | -12 | 2 | 2 | 21 | 23 | -9 | 7 | 2 | 80 | 80 |
| 2 | 10 | 1 | 39 | 43 | 10 | 14 | 1 | 13 | -7 | -7 | 2 | 1 | 48 | 45 | -8 | 2 | 2 | 80 | 80 | -7 | 7 | 2 | 54 | 54 |
| 4 | 10 | 1 | 89 | -89 | -11 | 15 | 1 | 37 | -35 | -5 | 2 | 1 | 65 | -58 | -6 | 2 | 2 | 78 | 66 | -5 | 7 | 2 | 15 | 15 |
| 6 | 10 | 1 | 71 | 73 | -9 | 15 | 1 | 49 | -45 | -3 | 2 | 1 | 14 | 13 | -8 | 2 | 2 | 80 | 80 | -3 | 7 | 2 | 38 | 38 |
| 8 | 10 | 1 | 22 | -21 | -3 | 15 | 1 | 37 | -32 | -1 | 2 | 1 | 34 | 35 | -4 | 2 | 2 | 39 | 40 | -1 | 7 | 2 | 54 | 54 |
| 8 | 10 | 1 | 71 | 73 | -9 | 15 | 1 | 49 | -45 | -3 | 2 | 1 | 65 | -58 | -6 | 2 | 2 | 78 | 66 | -5 | 7 | 2 | 15 | 15 |
| 10 | 10 | 1 | 22 | -21 | -3 | 15 | 1 | 37 | -32 | -1 | 2 | 1 | 34 | 35 | -4 | 2 | 2 | 39 | 40 | -1 | 7 | 2 | 54 | 54 |
| 12 | 10 | 1 | 26 | 25 | 1 | 15 | 1 | 24 | -24 | -17 | 2 | 1 | 24 | 29 | -14 | 2 | 2 | 21 | 23 | -9 | 7 | 2 | 38 | 38 |
| 14 | 10 | 1 | 69 | 65 | 3 | 15 | 1 | 34 | -32 | -1 | 2 | 1 | 65 | -58 | -6 | 2 | 2 | 78 | 66 | -5 | 7 | 2 | 15 | 15 |
| -13 | 11 | 1 | 33 | -31 | 1 | 15 | 1 | 24 | -21 | -3 | 2 | 1 | 44 | 42 | -4 | 2 | 2 | 37 | -36 | -1 | 7 | 2 | 50 | 50 |
| -11 | 11 | 1 | 26 | -24 | 1 | 15 | 1 | 37 | -32 | -1 | 2 | 1 | 34 | 35 | -4 | 2 | 2 | 39 | 40 | -1 | 7 | 2 | 54 | 54 |
| -9 | 11 | 1 | 26 | -24 | 1 | 15 | 1 | 37 | -32 | -1 | 2 | 1 | 34 | 35 | -4 | 2 | 2 | 39 | 40 | -1 | 7 | 2 | 54 | 54 |
| -7 | 11 | 1 | 112 | 111 | -10 | 16 | 1 | 37 | 37 | 9 | 16 | 1 | 48 | 42 | 2 | 2 | 2 | 85 | -82 | 11 | 7 | 2 | 35 | 35 |
| -5 | 11 | 1 | 45 | 43 | -6 | 16 | 1 | 29 | 25 | 15 | 2 | 1 | 24 | 27 | 10 | 2 | 2 | 89 | -92 | -1 | 7 | 2 | 50 | 50 |
| -3 | 11 | 1 | 42 | 44 | -8 | 16 | 1 | 24 | 21 | 15 | 2 | 1 | 24 | 27 | 10 | 2 | 2 | 89 | -92 | -1 | 7 | 2 | 50 | 50 |

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 | F0 | FC | H | K | L | F0 | FC | H | K | L | F0 | FC | H | K | L | F0 | FC |
| -8 | 8 | 2 | 21 | 22 | 0 | 12 | 2 | 17 | 15 | -3 | 19 | 2 | 31 | -27 | -13 | 3 | 75 | -77 | 2 |
| -6 | 8 | 2 | 121 | -124 | 2 | 12 | 2 | 13 | 13 | -20 | 0 | 2 | 14 | -19 | -11 | 3 | 18 | -22 | 6 |
| -4 | 8 | 2 | 41 | -42 | 6 | 12 | 2 | 20 | 19 | -18 | 0 | 3 | 81 | 88 | -7 | 41 | 42 | 6 | |
| -2 | 8 | 2 | 56 | -59 | 8 | 12 | 2 | 62 | -56 | -14 | 0 | 52 | 49 | -5 | 37 | 33 | 49 | 8 | |
| 0 | 8 | 2 | 79 | 82 | -15 | 13 | 2 | 30 | -27 | -12 | 0 | 23 | -26 | -3 | 49 | 49 | 128 | 10 | |
| 4 | 8 | 2 | 21 | 21 | -11 | 13 | 2 | 17 | -20 | -10 | 0 | 118 | -115 | -1 | 124 | -128 | 57 | -15 | |
| 6 | 8 | 2 | 120 | -120 | -9 | 13 | 2 | 24 | -22 | -6 | 0 | 51 | -44 | 1 | 49 | 57 | -13 | -9 | |
| 8 | 8 | 2 | 38 | -35 | -7 | 13 | 2 | 44 | 18 | -4 | 0 | 96 | 91 | 3 | 102 | -104 | -11 | -7 | |
| 8 | 8 | 2 | 46 | -45 | -5 | 13 | 2 | 44 | 46 | -4 | 0 | 119 | 112 | 5 | 34 | 33 | -9 | -7 | |
| 10 | 8 | 2 | 32 | -34 | -3 | 13 | 2 | 25 | 22 | 0 | 0 | 84 | -81 | 1 | 46 | -46 | -13 | -9 | |
| -9 | 9 | 2 | 56 | -59 | 1 | 13 | 2 | 83 | -86 | 0 | 0 | 60 | 58 | 1 | 15 | 12 | -7 | -7 | |
| -7 | 9 | 2 | 29 | -31 | 7 | 13 | 2 | 20 | -13 | 4 | 0 | 73 | -75 | -1 | 49 | 51 | -5 | -5 | |
| -3 | 9 | 2 | 57 | -59 | 9 | 13 | 2 | 14 | 20 | 6 | 0 | 85 | 85 | -1 | 18 | 22 | -3 | -3 | |
| -1 | 9 | 2 | 21 | -22 | -14 | 14 | 2 | 47 | -43 | 8 | 0 | 23 | 96 | -1 | 44 | 44 | -1 | -1 | |
| 3 | 9 | 2 | 23 | -21 | -10 | 14 | 2 | 63 | -62 | 10 | 0 | 98 | 85 | -1 | 44 | 44 | -1 | -1 | |
| 5 | 9 | 2 | 21 | -21 | -8 | 14 | 2 | 16 | -14 | -19 | 1 | 76 | -80 | -6 | 100 | -90 | 5 | 5 | |
| 9 | 9 | 2 | 25 | -23 | -6 | 14 | 2 | 21 | -13 | -17 | 1 | 47 | -50 | -4 | 86 | -89 | 7 | 7 | |
| 13 | 9 | 2 | 27 | -25 | -4 | 14 | 2 | 47 | -44 | -15 | 1 | 47 | -87 | -4 | 41 | -38 | 9 | 9 | |
| -16 | 10 | 2 | 14 | 13 | -2 | 14 | 2 | 55 | -58 | -13 | 1 | 88 | 65 | -2 | 21 | -101 | 11 | -16 | |
| -12 | 10 | 2 | 15 | -66 | 0 | 14 | 2 | 47 | -44 | -11 | 1 | 71 | -18 | 4 | 104 | -57 | -14 | -14 | |
| -10 | 10 | 2 | 67 | -23 | 2 | 14 | 2 | 94 | -99 | -9 | 1 | 58 | -58 | 2 | 54 | -57 | -10 | -10 | |
| -6 | 10 | 2 | 23 | -23 | 4 | 14 | 2 | 31 | 29 | -7 | 1 | 22 | -16 | 4 | 62 | -61 | 8 | 8 | |
| -4 | 10 | 2 | 81 | 82 | 6 | 14 | 2 | 42 | -27 | -5 | 1 | 22 | -17 | 8 | 53 | 56 | 8 | 8 | |
| -2 | 10 | 2 | 13 | -10 | 8 | 14 | 2 | 27 | 46 | -3 | 1 | 81 | 93 | 2 | 39 | 40 | -4 | -4 | |
| 2 | 10 | 2 | 25 | -24 | -9 | 15 | 2 | 49 | -47 | -1 | 1 | 93 | 7 | 1 | 22 | 26 | 0 | 0 | |
| 4 | 10 | 2 | 77 | -84 | -7 | 15 | 2 | 14 | 14 | 1 | 1 | 88 | -91 | 2 | 39 | 47 | 2 | 2 | |
| 6 | 10 | 2 | 128 | 132 | -3 | 15 | 2 | 14 | -31 | 5 | 1 | 13 | 93 | -1 | 48 | 47 | 4 | 4 | |
| 8 | 10 | 2 | 37 | 39 | -1 | 15 | 2 | 25 | -20 | 11 | 1 | 20 | -5 | -1 | 47 | -47 | 6 | 6 | |
| 12 | 10 | 2 | 46 | 43 | 9 | 15 | 2 | 26 | -34 | -20 | 1 | 41 | 39 | -7 | 43 | 43 | 8 | 8 | |
| -11 | 11 | 2 | 63 | 62 | 5 | 15 | 2 | 36 | -30 | -18 | 1 | 16 | 13 | -5 | 43 | -43 | 8 | 8 | |
| -9 | 11 | 2 | 25 | 20 | -8 | 16 | 2 | 29 | 25 | -16 | 1 | 92 | -92 | -3 | 82 | 81 | 10 | 10 | |
| -7 | 11 | 2 | 58 | 57 | -6 | 16 | 2 | 54 | -51 | -12 | 1 | 43 | -43 | -1 | 20 | 34 | -17 | -17 | |
| -5 | 11 | 2 | 24 | 20 | -4 | 16 | 2 | 15 | 12 | -10 | 1 | 46 | -4 | 1 | 33 | -34 | -15 | -15 | |
| -3 | 11 | 2 | 63 | -66 | -4 | 16 | 2 | 23 | -14 | -6 | 1 | 46 | 42 | 3 | 43 | -43 | -11 | -11 | |
| -1 | 11 | 2 | 29 | -32 | 0 | 16 | 2 | 18 | 14 | -4 | 1 | 46 | 42 | 5 | 156 | -156 | -9 | -9 | |
| 1 | 11 | 2 | 17 | -32 | 2 | 16 | 2 | 66 | -63 | -2 | 1 | 101 | -97 | 7 | 49 | -49 | -9 | -9 | |
| 3 | 11 | 2 | 97 | 106 | -6 | 16 | 2 | 30 | 63 | 0 | 1 | 58 | -58 | 9 | 27 | 27 | -5 | -5 | |
| 5 | 11 | 2 | 16 | 106 | 6 | 16 | 2 | 41 | -26 | 2 | 1 | 57 | 57 | 9 | 40 | 40 | -1 | -1 | |
| 7 | 11 | 2 | 30 | 30 | -3 | 17 | 2 | 28 | 25 | 4 | 1 | 44 | 42 | 9 | 38 | 36 | 1 | 1 | |
| 9 | 11 | 2 | 12 | 12 | 1 | 17 | 2 | 32 | 31 | 6 | 1 | 16 | 42 | 9 | 72 | 72 | 3 | 3 | |
| -14 | 12 | 2 | 18 | -19 | 3 | 17 | 2 | 21 | -22 | 8 | 1 | 80 | -81 | -1 | 89 | 88 | 5 | 5 | |
| -12 | 12 | 2 | 39 | 39 | -4 | 18 | 2 | 21 | 14 | 10 | 1 | 48 | -52 | -8 | 63 | -61 | 11 | 11 | |
| -10 | 12 | 2 | 62 | -81 | -2 | 18 | 2 | 17 | 15 | -19 | 1 | 30 | -31 | -6 | 50 | -58 | -12 | -12 | |
| -8 | 12 | 2 | 82 | -81 | 0 | 18 | 2 | 53 | -50 | 12 | 1 | 28 | 27 | -8 | 63 | 63 | -10 | -10 | |
| -6 | 12 | 2 | 102 | 100 | 4 | 18 | 2 | 26 | -24 | -17 | 1 | 57 | -27 | -4 | 128 | -133 | -8 | -8 | |
| -4 | 12 | 2 | 120 | -120 | 4 | 19 | 2 | 17 | 14 | -15 | 1 | 95 | -95 | 0 | 75 | 46 | -6 | -6 | |

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 | F0 | FC | H | K | L | F0 | FC | H | K | L | F0 | FC | H | K | L | F0 | FC |
| -4 | 10 | 3 | 77 | 82 | -4 | 16 | 3 | 45 | 39 | -17 | 3 | 4 | 61 | -61 | 2 | 6 | 4 | 33 | -38 |
| -2 | 10 | 3 | 43 | -37 | 0 | 16 | 3 | 34 | 37 | -15 | 6 | 4 | 16 | 16 | 4 | 6 | 6 | 36 | 36 |
| 0 | 10 | 3 | 40 | -45 | 4 | 16 | 3 | 40 | -35 | -13 | 6 | 4 | 151 | -154 | 6 | 6 | 4 | 101 | -103 |
| 2 | 10 | 3 | 100 | 108 | -9 | 17 | 3 | 56 | -53 | -11 | 6 | 4 | 74 | 78 | 8 | 6 | 4 | 55 | 55 |
| 4 | 10 | 3 | 37 | 33 | -7 | 17 | 3 | 36 | -33 | -9 | 6 | 4 | 11 | -8 | 8 | 6 | 4 | 42 | 43 |
| 10 | 10 | 3 | 27 | -24 | 3 | 17 | 3 | 16 | -12 | -7 | 6 | 4 | 74 | -77 | 10 | 6 | 4 | 18 | 22 |
| -9 | 11 | 3 | 14 | 21 | -2 | 18 | 3 | 58 | 55 | -5 | 6 | 4 | 14 | 1 | -15 | 7 | 4 | 51 | -52 |
| -7 | 11 | 3 | 12 | 11 | 0 | 18 | 3 | 35 | -32 | -3 | 6 | 4 | 86 | -78 | -13 | 7 | 4 | 25 | 30 |
| -5 | 11 | 3 | 150 | 155 | -2 | 18 | 3 | 29 | 28 | -1 | 6 | 4 | 88 | -87 | -9 | 7 | 4 | 47 | -47 |
| -3 | 11 | 3 | 28 | -27 | 0 | 18 | 3 | 27 | 28 | 1 | 6 | 4 | 35 | 38 | -5 | 7 | 4 | 34 | -39 |
| -1 | 11 | 3 | 42 | 40 | -18 | 0 | 4 | 27 | -32 | -3 | 6 | 4 | 17 | -10 | -3 | 7 | 4 | 12 | -23 |
| -3 | 11 | 3 | 13 | 16 | -12 | 0 | 4 | 43 | -45 | 5 | 6 | 4 | 54 | -54 | -1 | 7 | 4 | 21 | -17 |
| -1 | 11 | 3 | 19 | -14 | -10 | 0 | 4 | 237 | 238 | 3 | 6 | 4 | 54 | 67 | -8 | 8 | 4 | 17 | -15 |
| 3 | 11 | 3 | 76 | 76 | -8 | 0 | 4 | 143 | 145 | 9 | 6 | 4 | 32 | -31 | -18 | 8 | 4 | 17 | -17 |
| 7 | 11 | 3 | 26 | -24 | -6 | 0 | 4 | 102 | -8 | -16 | 6 | 4 | 20 | -25 | -16 | 8 | 4 | 58 | -59 |
| 9 | 11 | 3 | 23 | 22 | -4 | 0 | 4 | 122 | -99 | -14 | 6 | 4 | 55 | 57 | -12 | 8 | 4 | 25 | 27 |
| -12 | 12 | 3 | 27 | -27 | -2 | 0 | 4 | 117 | 10 | -12 | 6 | 4 | 34 | -37 | -8 | 8 | 4 | 23 | -25 |
| -10 | 12 | 3 | 35 | -33 | 0 | 0 | 4 | 165 | 161 | -10 | 6 | 4 | 66 | 67 | -6 | 8 | 4 | 23 | -25 |
| -8 | 12 | 3 | 54 | 52 | 2 | 0 | 4 | 169 | 162 | -8 | 6 | 4 | 48 | 49 | -4 | 8 | 4 | 15 | -18 |
| -6 | 12 | 3 | 18 | -17 | 6 | 0 | 4 | 23 | -24 | -4 | 6 | 4 | 30 | 31 | -2 | 8 | 4 | 67 | 68 |
| -4 | 12 | 3 | 80 | 83 | 10 | 0 | 4 | 51 | 52 | -2 | 6 | 4 | 37 | -40 | 0 | 8 | 4 | 77 | 77 |
| 0 | 12 | 3 | 66 | -68 | 8 | 0 | 4 | 24 | -23 | 4 | 6 | 4 | 66 | -68 | 2 | 8 | 4 | 13 | -9 |
| 2 | 12 | 3 | 51 | -56 | 10 | 0 | 4 | 30 | -33 | 6 | 6 | 4 | 85 | 87 | 8 | 8 | 4 | 67 | 68 |
| 4 | 12 | 3 | 45 | -42 | 10 | 0 | 4 | 103 | 104 | 10 | 6 | 4 | 39 | 35 | -15 | 8 | 4 | 24 | -22 |
| 6 | 12 | 3 | 36 | -36 | -13 | 0 | 4 | 113 | -113 | 17 | 6 | 4 | 69 | 74 | -11 | 8 | 4 | 22 | -22 |
| 8 | 12 | 3 | 50 | 51 | -9 | 0 | 4 | 71 | 69 | 10 | 6 | 4 | 25 | 27 | -9 | 8 | 4 | 17 | 17 |
| -15 | 13 | 3 | 43 | -39 | -7 | 0 | 4 | 117 | -114 | 10 | 6 | 4 | 62 | 57 | -7 | 9 | 4 | 33 | -32 |
| -11 | 13 | 3 | 13 | 13 | -5 | 0 | 4 | 82 | -78 | -11 | 6 | 4 | 57 | 57 | -9 | 9 | 4 | 26 | -25 |
| -7 | 13 | 3 | 159 | -60 | -3 | 0 | 4 | 112 | 107 | -7 | 6 | 4 | 43 | 44 | -5 | 9 | 4 | 60 | -62 |
| -5 | 13 | 3 | 80 | 82 | -1 | 0 | 4 | 49 | -48 | -3 | 6 | 4 | 75 | 75 | -1 | 9 | 4 | 18 | -17 |
| -3 | 13 | 3 | 15 | -12 | 1 | 0 | 4 | 63 | 65 | -1 | 6 | 4 | 33 | 29 | -3 | 9 | 4 | 28 | -21 |
| 3 | 13 | 3 | 19 | -19 | 3 | 0 | 4 | 22 | 20 | 5 | 6 | 4 | 25 | 23 | 5 | 9 | 4 | 32 | -30 |
| 5 | 13 | 3 | 43 | -41 | 5 | 0 | 4 | 12 | -10 | 3 | 6 | 4 | 28 | 28 | 5 | 9 | 4 | 13 | -10 |
| 7 | 13 | 3 | 27 | -25 | 7 | 0 | 4 | 57 | 57 | 5 | 6 | 4 | 76 | 78 | 9 | 9 | 4 | 87 | -84 |
| -14 | 14 | 3 | 45 | -44 | -16 | 0 | 4 | 67 | -68 | 11 | 6 | 4 | 16 | 11 | -16 | 10 | 4 | 17 | -26 |
| -12 | 14 | 3 | 34 | -36 | -12 | 0 | 4 | 14 | 19 | -16 | 6 | 4 | 29 | 25 | -12 | 10 | 4 | 15 | -20 |
| -4 | 14 | 3 | 31 | -29 | -10 | 0 | 4 | 57 | 57 | -14 | 6 | 4 | 23 | 21 | -10 | 10 | 4 | 17 | -18 |
| 8 | 14 | 3 | 35 | -34 | -8 | 0 | 4 | 66 | -65 | -14 | 6 | 4 | 47 | 47 | -6 | 10 | 4 | 15 | -14 |
| 4 | 14 | 3 | 34 | -34 | -6 | 0 | 4 | 144 | -142 | -16 | 6 | 4 | 24 | 21 | -10 | 10 | 4 | 15 | -18 |
| -11 | 15 | 3 | 22 | -24 | -6 | 0 | 4 | 119 | 120 | -14 | 6 | 4 | 18 | 17 | -12 | 10 | 4 | 103 | -104 |
| -3 | 15 | 3 | 70 | 71 | -2 | 0 | 4 | 66 | 65 | -12 | 6 | 4 | 47 | 47 | -8 | 10 | 4 | 85 | -87 |
| -1 | 15 | 3 | 23 | -21 | -4 | 0 | 4 | 20 | 19 | -10 | 6 | 4 | 11 | 11 | -4 | 10 | 4 | 34 | -33 |
| 1 | 15 | 3 | 25 | -24 | -2 | 0 | 4 | 18 | 9 | -8 | 6 | 4 | 82 | 81 | -2 | 10 | 4 | 85 | -84 |
| 5 | 15 | 3 | 22 | -20 | 0 | 0 | 4 | 43 | -46 | -8 | 6 | 4 | 112 | 116 | 0 | 0 | 4 | 77 | -77 |
| -10 | 16 | 3 | 36 | -35 | -6 | 0 | 4 | 123 | -123 | -6 | 6 | 4 | 76 | 73 | 2 | 10 | 4 | 96 | -96 |
| -8 | 16 | 3 | 43 | -42 | -2 | 0 | 4 | 33 | -29 | -4 | 6 | 4 | 87 | 91 | 4 | 10 | 4 | 57 | -57 |
| -6 | 16 | 3 | 28 | -24 | 0 | 0 | 4 | 26 | 24 | -2 | 6 | 4 | 26 | 29 | 6 | 10 | 4 | 36 | -43 |

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 |
| 8 | 0 | 5 | 67 | 65 | 8 | 4 | 5 | 26 | -25 | -15 | 9 | 5 | 17 | -20 |
| -19 | 1 | 5 | 17 | 19 | -19 | 5 | 43 | 44 | -13 | 9 | 5 | 17 | -18 | -7 |
| -17 | 1 | 5 | 17 | 16 | -17 | 5 | 22 | -27 | -5 | 9 | 5 | 62 | -65 | -3 |
| -13 | 1 | 5 | 17 | 17 | -15 | 5 | 32 | 26 | -7 | 9 | 5 | 71 | 76 | -1 |
| -11 | 1 | 5 | 63 | 68 | -13 | 5 | 17 | 22 | -3 | 9 | 5 | 81 | -82 | -6 |
| -9 | 1 | 5 | 29 | -25 | -9 | 5 | 50 | 47 | -3 | 9 | 5 | 16 | -16 | -4 |
| -7 | 1 | 5 | 43 | 40 | -7 | 5 | 70 | 72 | 5 | 9 | 5 | 34 | 33 | 0 |
| -3 | 1 | 5 | 18 | 8 | -5 | 5 | 30 | -32 | 7 | 9 | 5 | 18 | -15 | -16 |
| -1 | 1 | 5 | 19 | 8 | -3 | 5 | 86 | 89 | -14 | 10 | 5 | 14 | 11 | -12 |
| -1 | 1 | 5 | 62 | 66 | -1 | 5 | 55 | -61 | -10 | 10 | 5 | 100 | 103 | -10 |
| -18 | 1 | 5 | 32 | 34 | -3 | 5 | 43 | 43 | -8 | 10 | 5 | 29 | 28 | -8 |
| -16 | 1 | 5 | 55 | -53 | -1 | 5 | 35 | 38 | -6 | 10 | 5 | 24 | 25 | -6 |
| -14 | 1 | 5 | 13 | -12 | 3 | 5 | 31 | 28 | -4 | 10 | 5 | 23 | -24 | -4 |
| -12 | 1 | 5 | 17 | -19 | 5 | 5 | 15 | -17 | -2 | 10 | 5 | 20 | -23 | -2 |
| -10 | 1 | 5 | 84 | 86 | -18 | 6 | 28 | 27 | 0 | 10 | 5 | 16 | -14 | 0 |
| -8 | 1 | 5 | 18 | 12 | -14 | 6 | 57 | -54 | 2 | 10 | 5 | 23 | 27 | 2 |
| -6 | 1 | 5 | 14 | 10 | -12 | 6 | 99 | 105 | 4 | 10 | 5 | 22 | 25 | 4 |
| -4 | 1 | 5 | 112 | -106 | -10 | 6 | 28 | 27 | 6 | 10 | 5 | 26 | 27 | 6 |
| -2 | 2 | 5 | 38 | -33 | -8 | 6 | 57 | 59 | -15 | 11 | 5 | 49 | 49 | -19 |
| 0 | 2 | 5 | 59 | -58 | -6 | 6 | 30 | 31 | -13 | 11 | 5 | 31 | -31 | -17 |
| 2 | 2 | 5 | 41 | -36 | -6 | 6 | 49 | -47 | -9 | 11 | 5 | 60 | 64 | -15 |
| 2 | 2 | 5 | 35 | 30 | -2 | 6 | 19 | 18 | -7 | 11 | 5 | 42 | -43 | -7 |
| 4 | 2 | 5 | 24 | -23 | 0 | 6 | 56 | 57 | -5 | 11 | 5 | 70 | 72 | -5 |
| 8 | 2 | 5 | 21 | -30 | 2 | 6 | 27 | -27 | -7 | 11 | 5 | 22 | 20 | -7 |
| -11 | 3 | 5 | 60 | -58 | 4 | 6 | 30 | 34 | -5 | 11 | 5 | 68 | 68 | -3 |
| -17 | 3 | 5 | 21 | -19 | 6 | 6 | 57 | 68 | 1 | 11 | 5 | 57 | 57 | -17 |
| -9 | 3 | 5 | 28 | -28 | -11 | 7 | 67 | -57 | 5 | 11 | 5 | 51 | -60 | -11 |
| -7 | 3 | 5 | 69 | -69 | -9 | 7 | 17 | 12 | -14 | 12 | 5 | 36 | 39 | -14 |
| -5 | 3 | 5 | 102 | -98 | -7 | 7 | 37 | 36 | -10 | 12 | 5 | 52 | -26 | -14 |
| -3 | 3 | 5 | 95 | -89 | -5 | 7 | 61 | 63 | -8 | 12 | 5 | 38 | -34 | -10 |
| -1 | 3 | 5 | 18 | 11 | -3 | 7 | 14 | 15 | -6 | 12 | 5 | 34 | 30 | -8 |
| -1 | 3 | 5 | 41 | -48 | -1 | 7 | 17 | 17 | -4 | 12 | 5 | 67 | 63 | -6 |
| -3 | 3 | 5 | 23 | -22 | 1 | 7 | 22 | -25 | 0 | 12 | 5 | 13 | 63 | -2 |
| -5 | 3 | 5 | 20 | -17 | 1 | 7 | 38 | 37 | 4 | 12 | 5 | 17 | -14 | 0 |
| -7 | 3 | 5 | 22 | 20 | 3 | 7 | 33 | 34 | 4 | 12 | 5 | 14 | 11 | 4 |
| -9 | 3 | 5 | 49 | -48 | 5 | 7 | 43 | -40 | -13 | 13 | 5 | 17 | 16 | -17 |
| -11 | 3 | 5 | 15 | 12 | 7 | 7 | 36 | 34 | -11 | 13 | 5 | 34 | 33 | -15 |
| -14 | 4 | 5 | 51 | -54 | -16 | 8 | 39 | -40 | -9 | 13 | 5 | 17 | 11 | -19 |
| -16 | 4 | 5 | 44 | 41 | -14 | 8 | 33 | 34 | -7 | 13 | 5 | 31 | -30 | -17 |
| -18 | 4 | 5 | 57 | -52 | -16 | 8 | 23 | 24 | -5 | 13 | 5 | 17 | 16 | -15 |
| -10 | 4 | 5 | 22 | 22 | -12 | 8 | 33 | -31 | -3 | 13 | 5 | 17 | 19 | -10 |
| -8 | 4 | 5 | 115 | -114 | -10 | 8 | 85 | -83 | -1 | 13 | 5 | 21 | -24 | -11 |
| -6 | 4 | 5 | 13 | 16 | -8 | 8 | 54 | -57 | 3 | 13 | 5 | 17 | 17 | -15 |
| -4 | 4 | 5 | 70 | 69 | -6 | 8 | 38 | -40 | -10 | 14 | 5 | 25 | 24 | -9 |
| -4 | 4 | 5 | 44 | -48 | -6 | 8 | 90 | 96 | -4 | 14 | 5 | 26 | 24 | -7 |
| 0 | 4 | 5 | 103 | -111 | 0 | 8 | 29 | -29 | -4 | 14 | 5 | 35 | -35 | -5 |
| 2 | 4 | 5 | 29 | -36 | 4 | 8 | 52 | -56 | -2 | 14 | 5 | 19 | -18 | -3 |
| 4 | 4 | 5 | 39 | -39 | 6 | 8 | 31 | -34 | 0 | 14 | 5 | 29 | -29 | -3 |

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 | -2 | 0 | 7 | 41 | 39 | -10 | 8 | 7 | 14 | 11 | -8 | 8 | 7 | 35 | -37 |
| -4 | 10 | 6 | 14 | 11 | -17 | 1 | 7 | 18 | 23 | -8 | 8 | 7 | 39 | -40 | -6 | 8 | 7 | 54 | -54 |
| 0 | 10 | 6 | 62 | 64 | -13 | 1 | 7 | 28 | 21 | -4 | 8 | 7 | 12 | -6 | 8 | 8 | 18 | -18 | |
| -13 | 10 | 6 | 18 | -22 | -11 | 1 | 7 | 16 | 10 | -2 | 4 | 7 | 18 | -21 | -13 | 9 | 7 | 31 | -25 |
| -11 | 11 | 6 | 27 | -28 | -9 | 1 | 7 | 20 | 19 | 0 | 4 | 7 | 51 | 54 | -11 | 9 | 7 | 29 | -32 |
| -9 | 11 | 6 | 24 | 23 | -7 | 1 | 7 | 26 | -21 | 0 | 4 | 7 | 14 | -13 | -9 | 9 | 7 | 53 | -53 |
| -7 | 11 | 6 | 33 | 32 | -5 | 1 | 7 | 45 | 40 | -17 | 5 | 7 | 28 | 31 | -7 | 9 | 7 | 23 | -27 |
| -5 | 11 | 6 | 45 | 45 | -1 | 1 | 7 | 25 | 25 | -13 | 5 | 7 | 57 | -58 | -1 | 9 | 7 | 14 | 41 |
| -3 | 11 | 6 | 18 | -19 | -16 | 2 | 7 | 17 | -14 | -9 | 5 | 7 | 38 | 37 | -8 | 10 | 7 | 40 | 14 |
| -1 | 11 | 6 | 22 | -23 | -10 | 2 | 7 | 36 | -34 | -1 | 5 | 7 | 16 | -21 | -6 | 10 | 7 | 31 | 37 |
| -1 | 12 | 6 | 12 | -12 | -8 | 2 | 7 | 60 | 55 | -1 | 5 | 7 | 22 | 15 | -4 | 10 | 7 | 16 | -17 |
| -10 | 12 | 6 | 16 | -17 | -6 | 2 | 7 | 12 | -6 | -16 | 5 | 7 | 22 | -21 | -12 | 4 | 7 | 20 | 17 |
| -6 | 12 | 6 | 40 | 42 | -4 | 2 | 7 | 26 | -29 | -12 | 6 | 7 | 23 | -24 | -10 | 4 | 7 | 15 | -17 |
| -2 | 12 | 6 | 49 | 51 | -2 | 2 | 7 | 18 | -14 | -10 | 6 | 7 | 28 | -29 | -8 | 4 | 7 | 69 | 64 |
| 0 | 12 | 6 | 25 | -31 | -4 | 2 | 7 | 41 | -39 | -6 | 6 | 7 | 45 | 45 | -5 | 4 | 7 | 20 | -23 |
| -11 | 13 | 6 | 59 | -56 | 2 | 2 | 7 | 30 | -34 | 0 | 6 | 7 | 12 | 52 | -10 | 8 | 8 | 38 | 43 |
| -9 | 13 | 6 | 25 | -22 | -13 | 2 | 7 | 29 | -30 | 0 | 6 | 7 | 29 | 7 | -8 | 8 | 8 | 20 | 64 |
| -7 | 13 | 6 | 28 | -30 | -9 | 3 | 7 | 23 | -19 | 0 | 6 | 7 | 28 | -29 | -6 | 8 | 8 | 32 | 27 |
| -5 | 13 | 6 | 18 | -19 | -7 | 3 | 7 | 72 | 70 | -15 | 7 | 7 | 35 | 34 | -4 | 8 | 8 | 24 | 21 |
| -3 | 13 | 6 | 32 | 33 | -5 | 3 | 7 | 28 | 26 | -13 | 7 | 7 | 27 | 24 | -2 | 8 | 8 | 49 | 61 |
| -6 | 14 | 6 | 48 | -48 | -5 | 3 | 7 | 24 | -21 | -11 | 7 | 7 | 42 | -42 | -15 | 8 | 8 | 38 | -42 |
| -14 | 0 | 0 | 126 | 135 | -3 | 3 | 7 | 14 | -9 | -11 | 7 | 7 | 35 | -42 | -12 | 8 | 8 | 24 | 37 |
| -12 | 0 | 0 | 27 | -21 | -1 | 3 | 7 | 20 | -23 | -7 | 7 | 7 | 17 | -29 | -8 | 8 | 8 | 54 | 37 |
| -10 | 0 | 0 | 24 | 24 | 3 | 3 | 7 | 42 | -46 | -5 | 7 | 7 | 42 | -18 | -9 | 8 | 8 | 24 | 21 |
| -6 | 0 | 0 | 49 | -47 | -16 | 4 | 7 | 21 | 23 | -3 | 7 | 7 | 36 | -47 | -11 | 8 | 8 | 40 | -38 |
| -4 | 0 | 0 | 36 | 35 | -14 | 4 | 7 | 25 | -21 | -12 | 8 | 7 | 15 | 36 | -7 | 8 | 8 | 52 | -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 $\exp[-2\pi^2(U_{11}h^2a^{*2} + U_{22}k^2b^{*2} + U_{33}l^2c^{*2} + 2U_{12}hka^{*b^*} + 2U_{13}hla^{*c^*} + 2U_{23}klb^{*c^*})]$