

MSG No. 14.76  $P2_1/c1'$  [ Type II, monoclinic ]

Table 1: Wyckoff site: 2a, site symmetry:  $-11'$

No.	position	mapping
1	$[0, 0, 0]$	$[1, 3, 5, 7]$
2	$[0, \frac{1}{2}, \frac{1}{2}]$	$[2, 4, 6, 8]$

Table 2: Wyckoff site: 2b, site symmetry:  $-11'$

No.	position	mapping
1	$[\frac{1}{2}, 0, 0]$	$[1, 3, 5, 7]$
2	$[\frac{1}{2}, \frac{1}{2}, \frac{1}{2}]$	$[2, 4, 6, 8]$

Table 3: Wyckoff site: 2c, site symmetry:  $-11'$

No.	position	mapping
1	$[0, 0, \frac{1}{2}]$	$[1, 3, 5, 7]$
2	$[0, \frac{1}{2}, 0]$	$[2, 4, 6, 8]$

Table 4: Wyckoff site: 2d, site symmetry:  $-11'$

No.	position	mapping
1	$[\frac{1}{2}, 0, \frac{1}{2}]$	$[1, 3, 5, 7]$
2	$[\frac{1}{2}, \frac{1}{2}, 0]$	$[2, 4, 6, 8]$

Table 5: Wyckoff site: 4e, site symmetry:  $11'$

No.	position	mapping
1	$[x, y, z]$	$[1, 5]$
2	$[-x, y + \frac{1}{2}, \frac{1}{2} - z]$	$[2, 6]$
3	$[-x, -y, -z]$	$[3, 7]$
4	$[x, \frac{1}{2} - y, z + \frac{1}{2}]$	$[4, 8]$