MSG No. 55.354 $Pbam1'$ [Type II, orthorhombic]

Table 1: Wyckoff site: 2a, site symmetry: ..2/m1'

No.	position	mapping
1	$[0, 0, 0]$	[1,4,5,8,9,12,13,16]
2	$\left[\frac{1}{2}, \frac{1}{2}, 0\right]$	[2,3,6,7,10,11,14,15]

Table 2: Wyckoff site: 2b, site symmetry: ..2/m1'

No.	position	mapping
1	$\left[0, 0, \frac{1}{2}\right]$	[1,4,5,8,9,12,13,16]
2	$\left[\frac{1}{2}, \frac{1}{2}, \frac{1}{2}\right]$	[2,3,6,7,10,11,14,15]

Table 3: Wyckoff site: 2c, site symmetry: ..2/m1'

No.	position	mapping
1	$\left[0, \frac{1}{2}, 0\right]$	[1,4,5,8,9,12,13,16]
2	$\left[\frac{1}{2}, 0, 0\right]$	[2,3,6,7,10,11,14,15]

Table 4: Wyckoff site: 2d, site symmetry: ..2/m1'

No.	position	mapping
1	$\left[0, \frac{1}{2}, \frac{1}{2}\right]$	[1,4,5,8,9,12,13,16]
2	$\left[\frac{1}{2}, 0, \frac{1}{2}\right]$	[2,3,6,7,10,11,14,15]

Table 5: Wyckoff site: 4e, site symmetry: ..21'

No.	position	mapping
1	$[0, 0, z]$	[1,4,9,12]
2	$\left[\frac{1}{2}, \frac{1}{2}, -z\right]$	[2,3,10,11]
3	$[0, 0, -z]$	[5,8,13,16]
4	$\left[\frac{1}{2}, \frac{1}{2}, z\right]$	[6,7,14,15]

Table 6: Wyckoff site: `4f`, site symmetry: `..21'`

No.	position	mapping
1	$\left[0,\ \frac{1}{2},\ z\right]$	`[1,4,9,12]`
2	$\left[\frac{1}{2},\ 0,\ -z\right]$	`[2,3,10,11]`
3	$\left[0,\ \frac{1}{2},\ -z\right]$	`[5,8,13,16]`
4	$\left[\frac{1}{2},\ 0,\ z\right]$	`[6,7,14,15]`

Table 7: Wyckoff site: `4g`, site symmetry: `..m1'`

No.	position	mapping
1	$[x,\ y,\ 0]$	`[1,8,9,16]`
2	$\left[x+\frac{1}{2},\ \frac{1}{2}-y,\ 0\right]$	`[2,7,10,15]`
3	$\left[\frac{1}{2}-x,\ y+\frac{1}{2},\ 0\right]$	`[3,6,11,14]`
4	$[-x,\ -y,\ 0]$	`[4,5,12,13]`

Table 8: Wyckoff site: `4h`, site symmetry: `..m1'`

No.	position	mapping
1	$\left[x,\ y,\ \frac{1}{2}\right]$	`[1,8,9,16]`
2	$\left[x+\frac{1}{2},\ \frac{1}{2}-y,\ \frac{1}{2}\right]$	`[2,7,10,15]`
3	$\left[\frac{1}{2}-x,\ y+\frac{1}{2},\ \frac{1}{2}\right]$	`[3,6,11,14]`
4	$\left[-x,\ -y,\ \frac{1}{2}\right]$	`[4,5,12,13]`

Table 9: Wyckoff site: `8i`, site symmetry: `11'`

No.	position	mapping
1	$[x,\ y,\ z]$	`[1,9]`
2	$\left[x+\frac{1}{2},\ \frac{1}{2}-y,\ -z\right]$	`[2,10]`
3	$\left[\frac{1}{2}-x,\ y+\frac{1}{2},\ -z\right]$	`[3,11]`
4	$[-x,\ -y,\ z]$	`[4,12]`
5	$[-x,\ -y,\ -z]$	`[5,13]`
6	$\left[\frac{1}{2}-x,\ y+\frac{1}{2},\ z\right]$	`[6,14]`
7	$\left[x+\frac{1}{2},\ \frac{1}{2}-y,\ z\right]$	`[7,15]`
8	$[x,\ y,\ -z]$	`[8,16]`