MPG No. 23.2.83 $6/m1'$ [Type II, hexagonal]

Table 1: Wyckoff site: `1o`, site symmetry: `6/m1'`

No.	position	mapping
1	[0, 0, 0]	`[1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24]`

Table 2: Wyckoff site: `2a`, site symmetry: `6..`

No.	position	mapping
1	$[0, 0, z]$	`[1,2,3,4,5,6,13,14,15,16,17,18]`
2	$[0, 0, -z]$	`[7,8,9,10,11,12,19,20,21,22,23,24]`

Table 3: Wyckoff site: `6b`, site symmetry: `m..`

No.	position	mapping
1	$[x, y, 0]$	`[1,10,13,22]`
2	$[-y, x-y, 0]$	`[3,12,15,24]`
3	$[-x+y, -x, 0]$	`[5,8,17,20]`
4	$[-x, -y, 0]$	`[4,7,16,19]`
5	$[y, -x+y, 0]$	`[6,9,18,21]`
6	$[x-y, x, 0]$	`[2,11,14,23]`

Table 4: Wyckoff site: `12c`, site symmetry: `1`

No.	position	mapping
1	$[x, y, z]$	`[1,13]`
2	$[-y, x-y, z]$	`[3,15]`
3	$[-x+y, -x, z]$	`[5,17]`
4	$[-x, -y, z]$	`[4,16]`
5	$[y, -x+y, z]$	`[6,18]`
6	$[x-y, x, z]$	`[2,14]`
7	$[-x, -y, -z]$	`[7,19]`
8	$[y, -x+y, -z]$	`[9,21]`
9	$[x-y, x, -z]$	`[11,23]`
10	$[x, y, -z]$	`[10,22]`
11	$[-y, x-y, -z]$	`[12,24]`
12	$[-x+y, -x, -z]$	`[8,20]`