MPG No. 25.2.92 $6mm1'$ [Type II, hexagonal]

Table 1: Wyckoff site: `1a`, site symmetry: `6mm`

No.	position	mapping
1	$[0, 0, z]$	[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: `6b`, site symmetry: `..m`

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

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

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

Table 4: Wyckoff site: `12d`, 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	$[-y, -x, z]$	[9,21]
8	$[-x + y, y, z]$	[7,19]
9	$[x, x - y, z]$	[11,23]
10	$[y, x, z]$	[12,24]
11	$[x - y, -y, z]$	[10,22]

12	$[-x, -x+y, z]$	[8,20]