MPG No. 37.2.152 $\bar{6}m21'$ (-62m1' setting) [Type II, hexagonal]

Table 1: Wyckoff site: `1o`, site symmetry: `-62m1'`

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: `3.m`

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: `3b`, site symmetry: `m2m`

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

Table 4: Wyckoff site: `6c`, site symmetry: `..m`

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

Table 5: Wyckoff site: `6d`, site symmetry: `m..`

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

Table 6: Wyckoff site: 12e, site symmetry: 1

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