

MPG No. 22.3.81 $\bar{6}'$ [Type III, hexagonal]

Table 1: Wyckoff site: **1o**, site symmetry: **-6'**

No.	position	mapping
1	[0, 0, 0]	[1,2,3,4,5,6]

Table 2: Wyckoff site: **2a**, site symmetry: **3..**

No.	position	mapping
1	[0, 0, z]	[1,2,3]
2	[0, 0, $-z$]	[4,5,6]

Table 3: Wyckoff site: **3b**, site symmetry: **m'..**

No.	position	mapping
1	[x , y , 0]	[1,5]
2	[$-y$, $x - y$, 0]	[2,6]
3	[$-x + y$, $-x$, 0]	[3,4]

Table 4: Wyckoff site: **6c**, site symmetry: **1**

No.	position	mapping
1	[x , y , z]	[1]
2	[$-y$, $x - y$, z]	[2]
3	[$-x + y$, $-x$, z]	[3]
4	[x , y , $-z$]	[5]
5	[$-y$, $x - y$, $-z$]	[6]
6	[$-x + y$, $-x$, $-z$]	[4]