

MSG No. 170.118  $P6_51'$  [ Type II, hexagonal ]

Table 1: Wyckoff site: **6a**, site symmetry:  $11'$

| No. | position                        | mapping   |
|-----|---------------------------------|-----------|
| 1   | $[x, y, z]$                     | $[1, 7]$  |
| 2   | $[x - y, x, z + \frac{5}{6}]$   | $[2, 8]$  |
| 3   | $[-y, x - y, z + \frac{2}{3}]$  | $[3, 9]$  |
| 4   | $[-x, -y, z + \frac{1}{2}]$     | $[4, 10]$ |
| 5   | $[-x + y, -x, z + \frac{1}{3}]$ | $[5, 11]$ |
| 6   | $[y, -x + y, z + \frac{1}{6}]$  | $[6, 12]$ |