PG No. 17 C_{3i} $\bar{3}$ [trigonal]

Table 1: Wyckoff site: 1o, site symmetry: -3..

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: 6b, site symmetry: 1

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