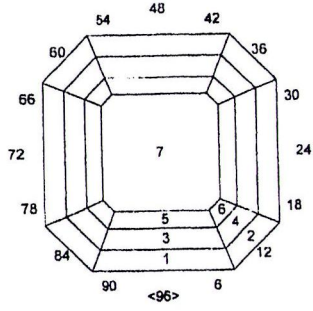
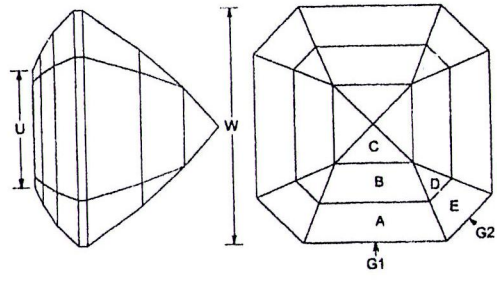
New South Wales GEMKHANA

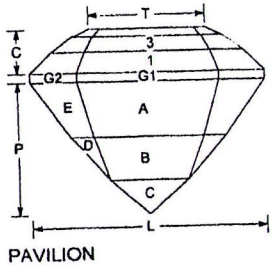
Junior Section J.9B(1) Standard Square Step Cut with cut corners.

Material – Natural Coloured Quartz.

Facets 53 (45+8 Girdle) Meets 53 (Crown 32, Pavilion 21)







Standard Square Step Cut with cut corners

Angles for Quartz
Angles for R.I. = 1.540
45 + 8 girdles = 53 facets
4-fold radial symmetry
96 index
L/W = 1.000 T/W = 0.500 U/W = 0.500
P/W = 0.567 C/W = 0.185
Vol./W³ = 0.357

PAVILION		
G1	90.00°	96-24-48-72
A	55.00°	96-24-48-72
B	48.00°	96-24-48-72
C	41.00°	96-24-48-72
D	48.00°	12-36-60-84
E	55.00°	12-36-60-84
G2	90.00°	12-36-60-84
CROWN		
1	45.00°	96-24-48-72
2	45.00°	12-36-60-84
3	35.00°	96-24-48-72
4	35.00°	12-36-60-84
5	25.00°	96-24-48-72
6	25.00°	12-36-60-84
7	0.00°	Table