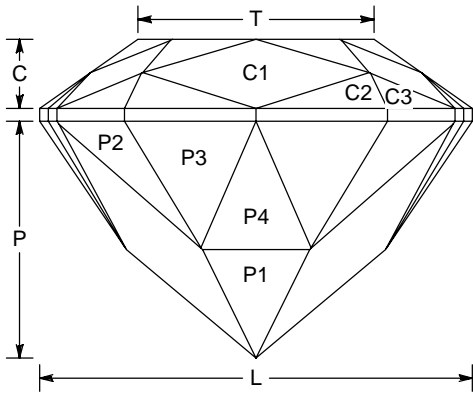


Adapted from Peruzzi by J. C. Finlayson of U.K.

Angles RI = 1.65 to 2.18
 ISO Brightness = 86.7% (RI=1.65); 84.6% (RI=2.18)
 COS Brightness = 76.8% (RI=1.65); 69.7% (RI=2.18)
 Angles for R.I. = 2.180
 61 + 16 girdles = 77 facets
 4-fold, mirror-image symmetry
 96 index
 $L/W = 1.000$ $T/W = 0.545$ $U/W = 0.545$
 $P/W = 0.547$ $C/W = 0.159$
 $Vol./W^3 = 0.321$



PAVILION

G1	90.00°	01-23-25-47- 49-71-73-95
G2	90.00°	02-22-26-46- 50-70-74-94
P1	40.00°	96-12-24-36- 48-60-72-84
P2	55.63°	02-22-26-46- 50-70-74-94
P3	57.04°	01-23-25-47- 49-71-73-95
P4	55.85°	96-24-48-72

CROWN

C1	35.00°	96-24-48-72	
C2	39.39°	01-23-25-47- 49-71-73-95	
C3	38.85°	02-22-26-46- 50-70-74-94	
C4	22.95°	12-36-60-84	Initial form lists angle as 22.70
C5	20.87°	06-18-30-42- 54-66-78-90	
T	0.00°	Table	

This diagram was entered in GemCad as per angles and indices in the original CHALLENGE 2000 diagram sheet
 The recommended angle of 22.70 degree for facet C4 did not close C4's upper point on the girdle.
 C:\STONEGRAPHICS\GemCad\CUTS(Gem)\Peruzzi.gem