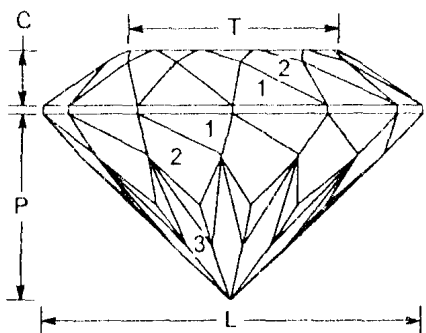


WIND WHEEL NO. 2

Angles for R.I. = 1.610
 97 + 12 girdles = 109 facets
 12-fold radial symmetry
 96 index
 LW = 1.000 TW = 0.553 UW = 0.553
 P/W = 0.464 C/W = 0.138
 Vol./W³ = 0.205
 By: Charles W Covill



CROWN

g1	90.00°	04-12-20-28-36-44- 52-60-68-76-84-92
1	35.00°	04-12-20-28-36-44- 52-60-68-76-84-92
2	33.00°	03-11-19-27-35-43- 51-59-67-75-83-91
t	0.00°	Table
3	26.00°	01-09-17-25-33-41- 49-57-65-73-81-89

PAVILION

1	49.00°	04-12-20-28-36-44- 52-60-68-76-84-92
2	45.00°	03-11-19-27-35-43- 51-59-67-75-83-91
3	42.00°	07-15-23-31-39-47- 55-63-71-79-87-95
4	43.50°	02-04-10-12-18-20- 26-28-34-36-42-44- 50-52-58-60-66-68- 74-76-82-84-90-92

SECTION B STONE DESIGN FOR 2003 NORTH AMERICAN FACETING CHALLENGE

The stone is to be cut in TOPAZ, clear or any color (stone can be irradiated).

STONE WIDTH to be 8mm to 11mm + or - 0.1mm. Three 100% errors will be deducted if the width is outside the margin.

GIRDLE THICKNESS to be 0.3mm + or - 0.1mm without deduction.

Girdle will be polished and judged under the same categories on the score sheet as all other facets. Two other categories are specifically designated for the girdle alone. They are GIRDLE THICKNESS and GIRDLE UNIFORM. §