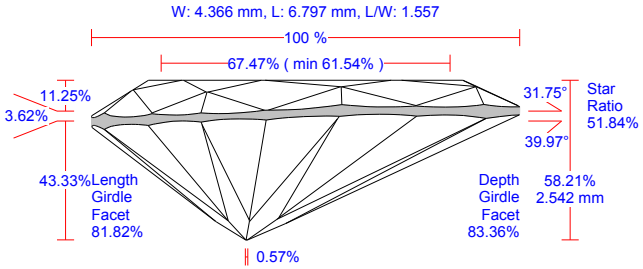
Illustrated report for rounded fancies

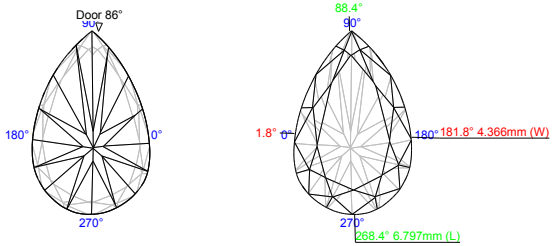
Polished Pear 04.09.2011

Model	Simple
Expert name	N/A
Real weight, ct	1.00
Calculated weight, ct	0.43, 0.4311
Spread	0.10 ct, 18.42%
Extra Facet Girdle / Nat	No

Width	Length	Ratio (L/W)	Diameter Minimum	Diameter Maximum	Total height
4.366 mm	6.797 mm	1.557	4.366 mm	6.797 mm	2.542 mm

Crown height	Pavilion height	Table	Culet	Girdle		
				Bezel	Bone	Valley
0.491 mm	1.892 mm	3.838 mm	0.025 mm	0.158 mm	0.192 mm	0.105 mm





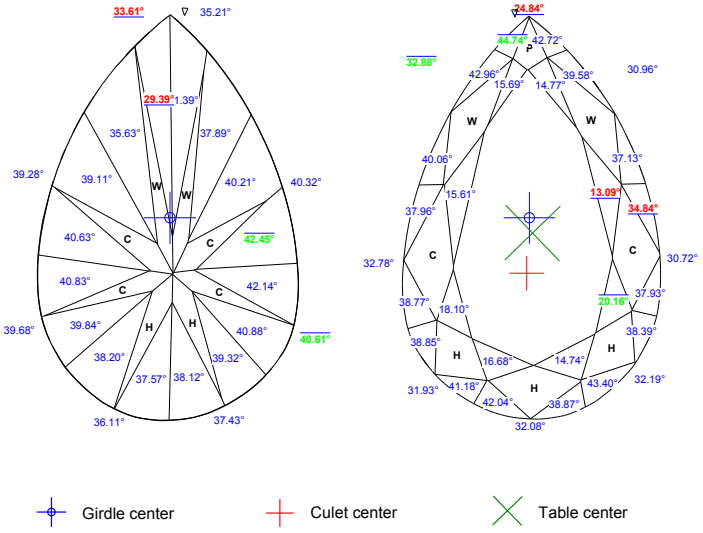
Appraiser title	N/A
Overall cut quality	N/A
Symmetry appraiser title	Symmetry
Overall symmetry quality	N/A
Model building info	The model is built correctly

Color	
Clarity	
Polish	
Fluorescence	

Parameters	Avg	Min	Max	Dev	Cut	Sym
Diameter, mm		4.366	6.797	2.431	N/A	
Crown curve angle, °	31.75	30.72	32.78	2.06		
Crown head angle, °	32.07	31.93	32.19	0.26		
Crown point angle, °	24.84	24.84	24.84	0.00		
Crown wing angle, °	31.92	30.96	32.88	1.92		
Pavilion curve angle, °	39.97	39.28	40.61	1.33		
Pavilion head angle, °	36.77	36.11	37.43	1.32		
Pavilion point angle, °	N/A	N/A	N/A	N/A		
Pavilion wing angle, °	34.41	33.61	35.21	1.60		
Table, %	67.47	61.54	73.40	11.87	N/A	N/A
Culet, %	0.57	0.23	0.80	0.57	N/A	N/A
Girdle Bezel, %	3.62	2.75	4.24	1.50	N/A	N/A
Girdle Bone, %	4.39	3.18	5.95	2.77		N/A
Girdle Valley, %	2.41	1.01	2.88	1.86	N/A	N/A
Twist, °	8.72	3.91	12.84	8.93		N/A
Star : Upper ratio, %	51.84: 48.16	44.70: 55.30	57.03: 42.97	12.33		N/A
Star angle, °	16.10	13.09	20.16	7.07		N/A
Upper girdle angle, °	39.96	34.84	44.74	9.91		N/A
Lower girdle angle, °	38.35	29.39	42.45	13.07		N/A
Crown height, %	11.25	9.40	12.99	3.60	N/A	N/A
Pavilion height, %	43.33	40.99	45.71	4.72		
Total height, %	58.21				N/A	

Azimuths, °	1	2	3	4	5	6	7	8
Star azimuth	13.1	35.3	140.0	165.6	192.8	243.0	293.5	344.9
Upper girdle azimuth	6.7	22.0	34.0	47.6	128.8	144.1	155.0	174.5
	186.2	205.5	227.9	261.2	284.3	305.9	330.8	355.5
Lower girdle azimuth	14.1	26.5	33.7	50.5	124.8	144.4	156.2	165.7
	180.8	201.1	225.4	260.5	282.5	313.6	330.6	356.8

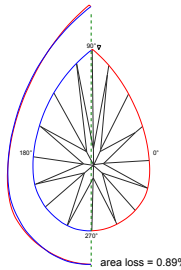
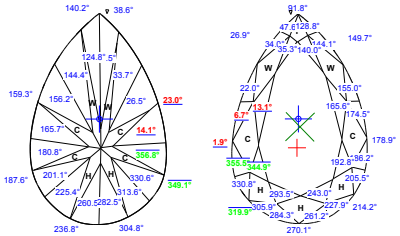
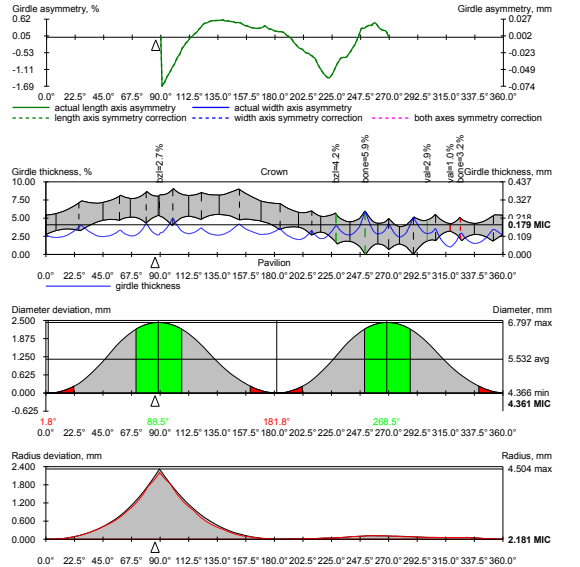
Facets angles



1	2	3	4	Offset by table axis		
				Distance	Width wise	Length wise
32.78	30.72					
32.19	32.08	31.93		Culet-Table, %		
24.84	N/A			15.68 ± 0.29	2.28	15.52
32.88	30.96	N/A	N/A	Girdle-Culet, %		
40.61	40.32	39.28	39.68	21.44 ± 0.28	1.06	21.41
36.11	37.43	N/A		Girdle-Table, %		
N/A	N/A			6.02 ± 0.25	1.22	5.90
35.21	33.61	N/A	N/A	Girdle to table-culet line offset		
61.54		73.40		9.18 %, 0.401 mm		

1	2	3	4	5	6	7	8
3.59	3.43	2.75	3.67	3.51	4.24	4.23	3.57
3.98	4.30	5.07	4.22	3.28	5.95	5.10	3.18
2.32	2.46	2.55	2.68	2.75	2.85	2.65	2.75
2.05	2.18	2.70	2.84	2.37	2.88	1.01	1.51
12.84	3.91	9.43	8.69	N/A	N/A	N/A	N/A

Actual Length axis asymmetry



Facets azimuth