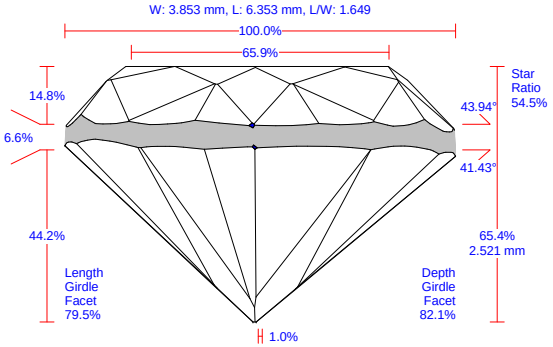
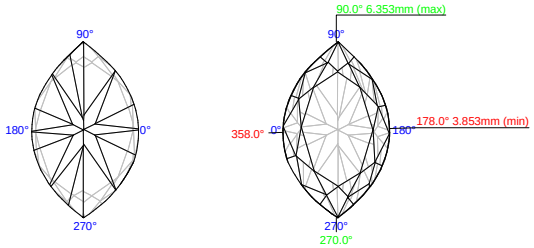
ILLUSTRATED REPORT FOR ROUNDED FANCIES

Polished Marquise

Model	Simple
Expert name	Makoed A.G.
Report date	03.12.2007
Real weight, ct	
Calculated weight, ct	0.36, 0.3664
Measurements	3.853 x 6.353 x 2.521 mm
Spread	0.00 ct, 1.35%
Extra Facet / Nat	Yes (4)

Average values, mm							
Total height	Crown height	Pavilion depth	Table	Culet	Girdle		
					Bezel	Bone	Valley
2.521	0.572	1.703	3.353	0.039	0.253	0.241	0.201





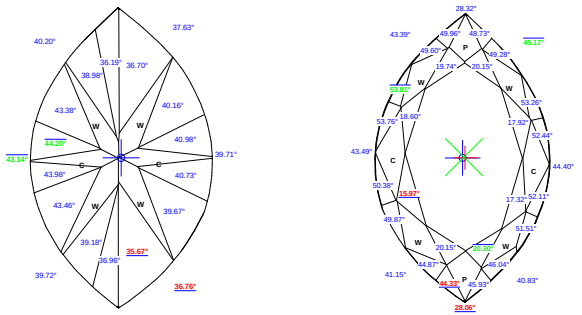
Appraiser title	AGS_2005
Overall cut quality	N/A
Symmetry appraiser title	Internal
Overall symmetry quality	PR

Color	
Clarity	
Polish	
Fluorescence	

Parameters	Avg	Min	Max	Dev	Cut	Sym
Diameter (width, length), mm		3.853	6.353	Ratio: 1.649	N/A	
Crown curve angle, °	43.94	43.49	44.40	0.91		
Crown head angle, °	N/A	N/A	N/A	N/A		
Crown point angle, °	28.19	28.06	28.32	0.26		
Crown wing angle, °	42.63	40.83	45.17	4.34		
Pavilion curve angle, °	41.43	39.71	43.14	3.43		
Pavilion head angle, °	N/A	N/A	N/A	N/A		
Pavilion point angle, °	N/A	N/A	N/A	N/A		
Pavilion wing angle, °	38.58	36.76	40.20	3.44		
Total height, %	65.43				N/A	
Crown height, %	14.85	13.62	15.88	2.26	N/A	GD
Pavilion depth, %	44.20	42.43	45.49	3.07	N/A	FR
Table, %	65.94	64.96	66.92	1.96	N/A	VG
Upper girdle angle, °	49.74	44.33	53.81	9.49		PR
Star angle, °	18.77	15.97	20.30	4.32		FR
Lower girdle angle / Halves angle, °	40.02	35.67	44.20	8.53		PR
Star : Upper ratio, %	54.46: 45.54	50.90: 49.10	60.92: 39.08	10.02		PR
Culet, %	1.01	0.53	1.38	0.85	N/A	EX
Twist, °	2.98	1.17	6.68	5.51		PR
Girdle Bezel, %	6.57	3.87	7.52	3.65	N/A	PR
Girdle Bone, %	6.26	5.08	7.56	2.48		FR
Girdle Valley, %	5.22	3.66	6.97	3.31	N/A	FR

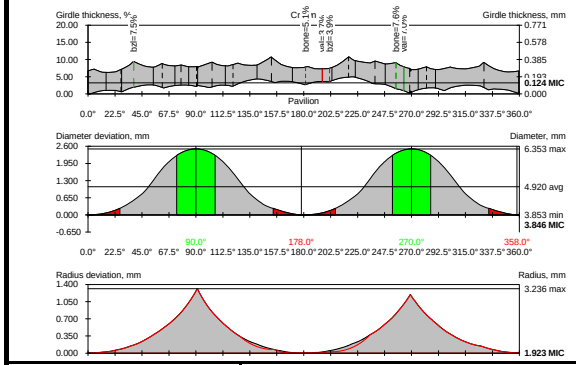
1	2	3	4	5	6	7	8
43.49	44.40						
N/A	N/A	N/A					
28.32	28.06						
43.39	45.17	40.83	41.15				
39.71	43.14	N/A	N/A				
N/A	N/A	N/A					
N/A	N/A						
37.63	40.20	39.72	36.76				
15.88	14.21	15.05	14.07	15.06	13.62	15.69	15.21
42.43	44.15	44.67	45.10	45.49	43.38	N/A	N/A
53.76 52.11	53.81 51.51	49.60 46.04	49.96 45.93	48.73 44.33	49.28 44.87	53.26 49.87	52.44 50.38
18.60	19.74	20.15	17.92	17.32	20.30	20.15	15.97
40.98 43.46	40.16 39.18	36.70 36.96	36.19 35.67	38.98 39.67	43.38 40.73	44.20 N/A	43.98 N/A
53.28: 46.72	53.29: 46.71	52.52: 47.48	60.92: 39.08	56.07: 43.93	50.90: 49.10	51.19: 48.81	57.52: 42.48
1.76	1.17	2.43	3.76	6.68	2.09	N/A	N/A
7.27	7.52	5.82	7.19	7.09	3.87	6.59	7.22
6.44	6.95	5.78	6.25	5.08	5.84	7.56	6.17
5.21 4.09	6.56 3.66	5.12 3.81	5.66 4.78	5.34 5.93	5.42 6.97	5.61 5.95	3.98 5.38

Azimuths, °	1	2	3	4	5	6	7	8
Pavilion	0.8	38.7	146.7	179.2	214.2	322.5	N/A	N/A
Lower girdle facets / Halves	12.1 203.7	31.1 218.2	48.6 224.9	130.6 312.2	139.3 330.8	154.9 350.1	170.7 N/A	189.8 N/A
Crown	2.6	39.9	92.6	144.3	182.9	220.9	273.4	320.4
Upper girdle facets	11.5	31.9	45.2	50.9	130.1	141.4	150.7	176.5
Star facets	188.9 17.3	212.8 56.9	223.8 124.4	234.9 162.9	304.7 196.5	316.8 238.6	328.6 302.5	356.8 343.6



Girdle center Culet center Table center

Offset by table axis	Distance	Width wise	Length wise
Culet-Table, %	0.70 ± 0.33	0.61	0.35
Girdle-Culet, %	1.38 ± 0.32	1.38	0.07
Girdle-Table, %	0.88 ± 0.29	0.77	0.42
Culet-Table, mm	0.027 ± 0.013	0.023	0.014
Girdle-Culet, mm	0.053 ± 0.012	0.053	0.003
Girdle-Table, mm	0.034 ± 0.011	0.030	0.016
Girdle to table-culet line offset		0.99 %, 0.038 mm	



Width	3.853 mm, 100%	
Width-wise culet shift ratio	1.871 mm, 48.56 %	1.985 mm, 51.50 %
Length	6.353 mm, 100%	
Length -wise culet shift ratio	3.180 mm, 50.05 %	3.174 mm, 49.95 %