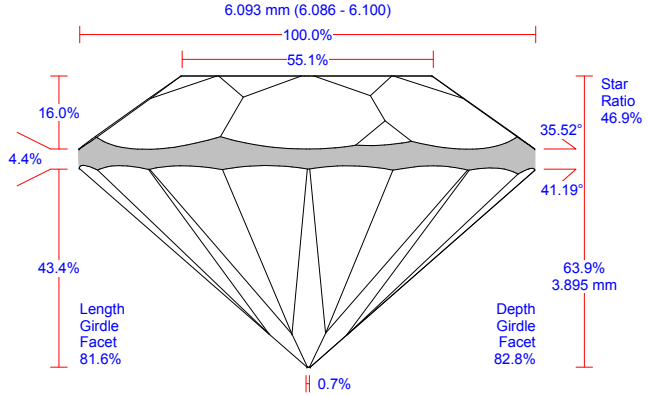
ILLUSTRATED REPORT FOR BRILLIANT

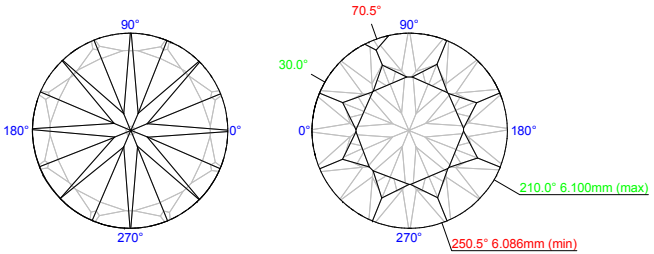
Polished Brilliant

Model	Simple
Expert name	Makoed A.G.
Report date	23.01.2008
Real weight, ct	
Calculated weight, ct	0.91, 0.9185
Measurements	6.093 (6.086-6.100) x 3.895 /0.005 mm
Spread	-0.07 ct, -8.60%
AGS Spread	N/A ct, N/A%

Average values, mm

Diam	Total height	Crown height	Pav. depth	Table	Culet	Girdle		
						Bezel	Bone	Valley
6.093	3.895	0.976	2.646	3.357	0.043	0.270	N/A	0.267





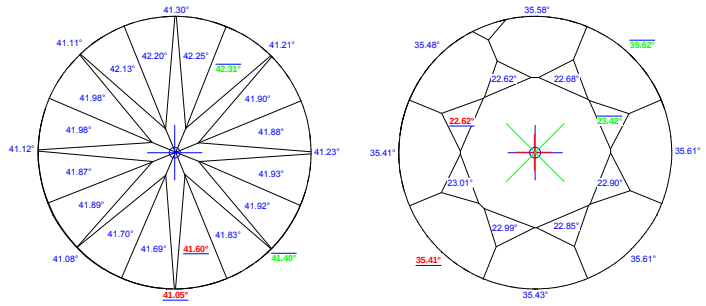
Appraiser title	GIA_PCTG_StarCul
Overall cut quality	V
Symmetry appraiser title	Internal
Overall symmetry quality	GD

Color	
Clarity	
Polish	
Fluorescence	

Parameter	Avg	Min	Max	Dev	Cut	Sym
Diameter, mm	6.093	6.086	6.100	0.22%	E	EX
Crown angle, °	35.52	35.41	35.62	0.20	Grading	EX
Pavilion angle, °	41.19	41.05	41.40	0.35	Grading	EX
Total height, %	63.93				V	
Crown height, %	16.02	15.82	16.10	0.28	E	EX
Pavilion depth, %	43.43	43.21	43.67	0.46	N/A	EX
Table, %	55.10	55.02	55.24	0.21	Grading	EX
Culet, %	0.70	0.59	0.75	0.16	V	EX
Girdle Bezel, %	4.44	4.19	4.68	0.49	V	EX
Girdle Bone, %	N/A	N/A	N/A	N/A		N/A
Girdle Valley, %	4.38	4.10	4.79	0.68	E	EX
Star: Upper ratio, %	46.94: 53.06	43.48: 56.52	48.62: 51.38	5.15	E	GD
Star angle, °	22.89	22.62	23.42	0.81		EX
Upper girdle angle, °	N/A	N/A	N/A	N/A		N/A
Length girdle facet, %	81.60	80.63	82.76	2.13	E	EX
Lower girdle angle / Halves angle, °	41.94	41.60	42.31	0.71		EX
Twist, °	0.54	0.09	1.10	1.01		VG
Crown height, mm	0.976	0.964	0.981	0.017	E	EX
Pavilion depth, mm	2.646	2.633	2.661	0.028	N/A	EX
Table, mm	3.357	3.353	3.366	0.013	Grading	EX
Culet, mm	0.043	0.036	0.046	0.010	V	EX
Girdle Bezel, mm	0.270	0.255	0.285	0.030	V	EX
Girdle Bone, mm	N/A	N/A	N/A	N/A		N/A
Girdle Valley, mm	0.267	0.250	0.292	0.042	E	EX
Measurement as per OctoNus theory:						
Crown angle, °	N/A	N/A	N/A	N/A		
Pavilion angle, °	N/A	N/A	N/A	N/A		
Fish eye effect, °			N/A		N/A	
Culet through Crown Bezel, °			N/A		N/A	

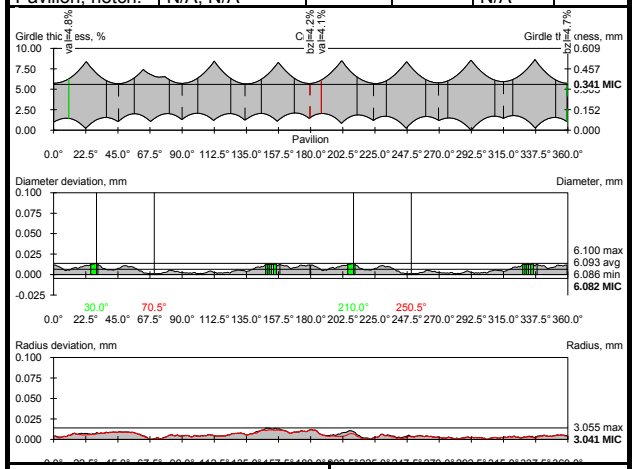
1	2	3	4	5	6	7	8
6.098	6.094	6.089	6.090				
35.41	35.48	35.58	35.62	35.61	35.61	35.43	35.41
41.23	41.21	41.30	41.11	41.12	41.08	41.05	41.40
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
55.10	55.02	55.05	55.24				
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
47.79: 52.21	43.48: 56.52	45.74: 54.26	46.83: 53.17	48.62: 51.38	47.95: 52.05	47.58: 52.42	47.57: 52.43
22.62	22.62	22.68	23.42	22.90	22.85	22.99	23.01
N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
81.49 82.38	81.82 81.61	80.63 81.77	80.86 81.91	81.40 81.54	81.37 82.76	81.44 81.86	81.68 81.04
41.88 41.87	41.90 41.89	42.31 41.70	42.25 41.69	42.20 41.60	42.13 41.83	41.98 41.92	41.98 41.93
0.35	0.09	0.25	0.55	0.94	0.72	0.29	1.10
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3.357	3.353	3.354	3.366				
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
N/A	N/A	N/A	N/A				
N/A	N/A	N/A	N/A				
Extra Facet / Nat			No				
Girdle to MIC, mm			0.005				

Parameter, °	1	2	3	4	5	6	7	8
Pav. azimuths dev. from ideal	0.00	0.10	-0.32	-0.59	0.14	-0.75	-0.16	0.69
Crown azimuths dev. from ideal	0.35	0.01	-0.07	-0.04	-0.80	-0.02	-0.46	-0.41
Crown painting	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavilion painting	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



Offset by table axis		
Girdle-Culet	0.35 ± 1.05, %	0.021 ± 0.064, mm
Girdle-Table	0.04 ± 1.02, %	0.002 ± 0.062, mm
Table-Culet	0.35 ± 1.06, %	0.022 ± 0.065, mm

Paint / Dug	Avg	Type	Sym	Dev	Sym
Crown, °	N/A	N/A	N/A	N/A	N/A
Crown, notch.	N/A, N/A			N/A	
Pavilion, °	N/A	N/A	N/A	N/A	N/A
Pavilion, notch.	N/A, N/A			N/A	



Girdle to table-culet line offset	0.09 %, 0.006 mm