

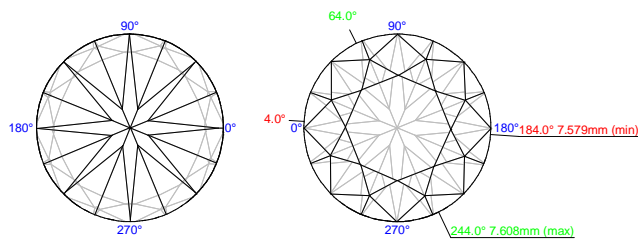
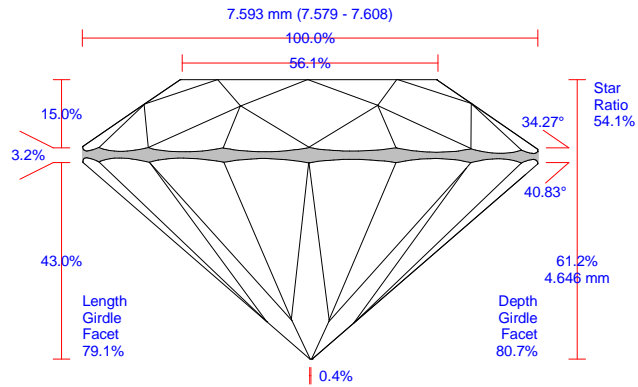
HELIUM ILLUSTRATED REPORT

GOOD OLD GOLD, INC. Polished Brilliant

Model: Simple
 Expert name: Jonathan Weingarten
 Report date: 08.12.2005
 Real weight, ct: 1.63
 Calculated weight, ct: 1.63, 1.6324
 Spread: -0.01 ct, -0.51%
 Measurements, mm: 7.593 (7.579-7.608) x 4.646 / 0.005

Average values, mm

Crown height	Pavilion depth	Table	Culet	Girdle		
				Bezel	Bone	Valley
1.136	3.267	4.263	0.032	0.244	0.244	0.118



Appraiser title: AGS
 Overall cut quality: 0
 Overall symmetry quality: EX

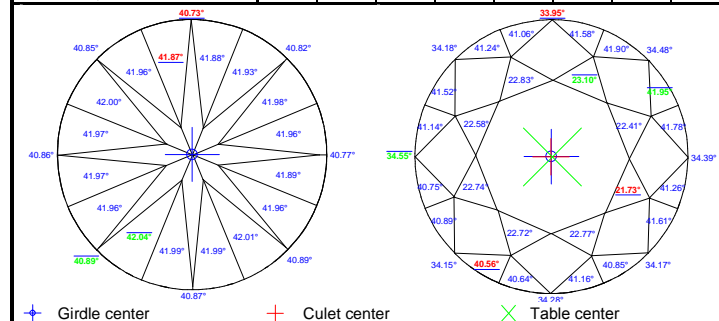
Symmetry	IDEAL
Polish	IDEAL
Color	G
Clarity	VS2
Fluorescence	NONE

Parameter	Avg	Min	Max	Dev	Cut	Sym
Diameter, mm	7.593	7.579	7.608	0.38%	0	EX
Crown angle, °	34.27	33.95	34.55	0.59	0	EX
Pavilion angle, °	40.83	40.73	40.89	0.16	N/A	EX
Total height, %	61.19				N/A	-
Crown height, %	14.96	14.64	15.31	0.68	N/A	EX
Pavilion depth, %	43.03	42.73	43.19	0.46	0	EX
Table, %	56.14	56.04	56.25	0.21	0	EX
Upper girdle angle, °	41.24	40.56	41.95	1.39	-	VG
Star angle, °	22.61	21.73	23.10	1.36	-	VG
Lower girdle angle / Halves angle, °	41.96	41.87	42.04	0.17	-	EX
Star: Upper ratio, %	54.07: 45.93	51.66: 48.34	56.48: 43.52	4.83	-	-
Culet, %	0.42	0.32	0.50	0.18	N/A	EX
Twist, °	0.57	0.29	1.15	0.86	-	EX
Girdle Bezel, %	3.21	2.98	3.46	0.48	N/A	EX
Girdle Bone, %	3.22	2.78	3.50	0.73	-	EX
Girdle Valley, %	1.55	1.16	1.97	0.80	0	EX
Total height, mm	4.646				N/A	-
Crown height, mm	1.136	1.111	1.163	0.051	-	-
Pavilion depth, mm	3.267	3.244	3.279	0.035	-	-
Table, mm	4.263	4.255	4.271	0.016	-	-
Culet, mm	0.032	0.024	0.038	0.014	-	-
Girdle Bezel, mm	0.244	0.227	0.263	0.036	-	-
Girdle Bone, mm	0.244	0.211	0.266	0.055	-	-
Girdle Valley, mm	0.118	0.088	0.149	0.061	-	-

Measurement as per OctoNus theory:

Crown angle, °	34.27	34.12	34.47	0.35	-	-
Pavilion angle, °	40.83	40.80	40.87	0.07	-	-
Fish eye effect, °			8.84		0	
Culet through Crown Bezel, °			10.37		0	

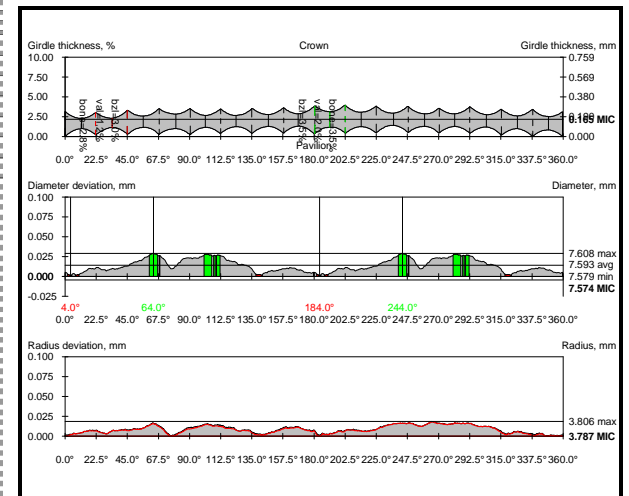
Azimuths deviation from ideal	1	2	3	4	5	6	7	8
Pavilion, °	0.00	0.28	0.48	0.34	0.48	0.01	0.04	0.22
Lower girdle facets / Pavilion Halves, °	0.20	0.21	0.15	0.45	0.49	0.36	0.28	0.40
Crown, °	0.29	-0.32	0.10	-0.17	-0.14	1.16	0.63	0.61
Upper girdle facets, °	-0.07	-1.02	-0.58	0.43	0.23	0.32	-0.00	-0.04
Star facets, °	-0.18	0.20	-0.11	1.01	-0.40	1.51	0.34	1.03
	0.99	1.04	0.43	0.68	1.77	1.22	1.11	0.87



Girdle-Culet offset (by table axis)	Girdle-Table Offset (by table axis)	Table-Culet Offset (by table axis)
0.15 ± 0.18, %	0.42 ± 0.15, %	0.52 ± 0.19, %
0.012 ± 0.014, mm	0.032 ± 0.012, mm	0.040 ± 0.015, mm

1	2	3	4	5	6	7	8
7.584	7.592	7.602	7.588				
34.55	34.18	33.95	34.48	34.39	34.17	34.28	34.15
40.77	40.82	40.73	40.85	40.86	40.89	40.87	40.89
15.31	15.17	14.95	14.94	14.69	14.64	14.90	15.05
42.73	43.03	42.97	43.11	43.08	43.18	43.19	42.91
56.25	56.15	56.13	56.04				
41.14	41.52	41.24	41.06	41.58	41.90	41.95	41.78
41.26	41.61	40.85	41.16	40.64	40.56	40.89	40.75
22.58	22.83	23.10	22.41	21.73	22.77	22.72	22.74
41.96	41.98	41.93	41.88	41.87	41.96	42.00	41.97
41.97	41.96	42.04	41.99	41.99	42.01	41.96	41.89
51.66: 48.34	55.28: 44.72	56.48: 43.52	54.61: 45.39	53.31: 46.69	53.84: 46.16	54.19: 45.81	53.23: 46.77
0.29	0.60	0.38	0.51	0.62	1.15	0.59	0.39
3.15	2.98	3.26	3.12	3.46	3.37	3.10	3.22
2.78	3.24	3.08	3.19	3.50	3.25	3.30	3.38
1.29	1.16	1.40	1.83	1.48	1.40	1.48	1.54
1.97	1.80	1.52	1.57	1.57	1.55	1.59	1.68
1.163	1.152	1.135	1.135	1.116	1.111	1.131	1.143
3.244	3.267	3.263	3.273	3.271	3.279	3.279	3.258
4.271	4.264	4.262	4.255				
0.239	0.227	0.248	0.237	0.263	0.256	0.236	0.245
0.211	0.246	0.234	0.242	0.266	0.247	0.250	0.257
0.098	0.088	0.106	0.139	0.113	0.107	0.113	0.117
0.149	0.137	0.115	0.120	0.120	0.118	0.120	0.128

34.47	34.17	34.12	34.32				
40.82	40.85	40.80	40.87				
Extra Facet / Nat				No			
Girdle to MIC, mm				0.005			



Girdle type	Classical
	-0.01, %
	-0.001, mm