

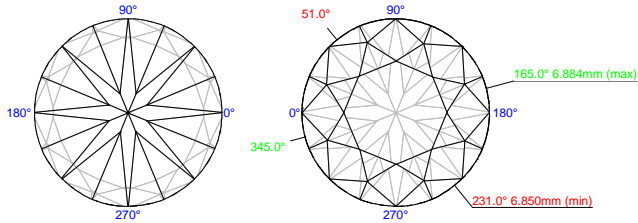
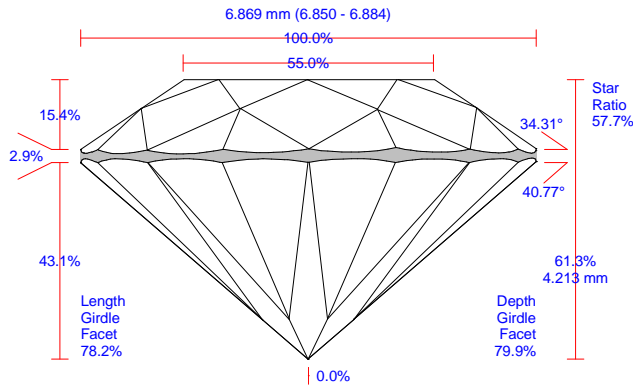
HELIUM ILLUSTRATED REPORT

Good Old Gold Inc Polished Brilliant

Model Simple
 Expert name Jonathan Weingarten
 Report date 08.02.2006
 Real weight, ct 1.19
 Calculated weight, ct 1.20, 1.1999
 Spread 0.00 ct. 0.05%
 Measurements, mm 6.869 (6.850-6.884) x 4.213 /0.002

Average values, mm

Crown height	Pavilion depth	Table	Culet	Girdle		
				Bezel	Bone	Valley
1.055	2.960	3.775	0.000	0.198	0.197	0.085



Appraiser title AGS
 Overall cut quality 0
 Overall symmetry quality ideal

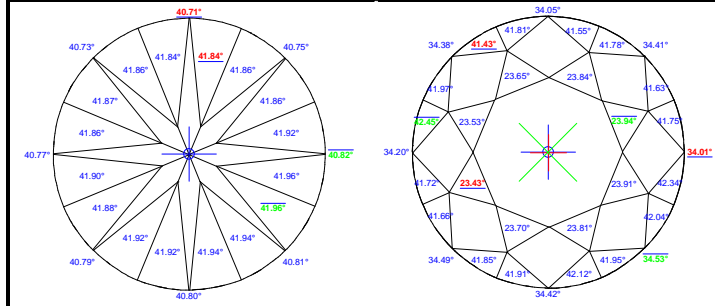
Symmetry	Gia-excellent
Polish	Gia-excellent
Color	G
Clarity	SI2
Fluorescence	none

Parameter	Avg	Min	Max	Dev	Cut	Sym
Diameter, mm	6.869	6.850	6.884	0.49%	0	EX
Crown angle, °	34.31	34.01	34.53	0.51	0	EX
Pavilion angle, °	40.77	40.71	40.82	0.11	N/A	EX
Total height, %	61.33				N/A	-
Crown height, %	15.36	15.18	15.50	0.32	N/A	EX
Pavilion depth, %	43.09	42.92	43.33	0.41	0	EX
Table, %	54.96	54.88	55.04	0.15	0	EX
Upper girdle angle, °	41.87	41.43	42.45	1.02	-	EX
Star angle, °	23.73	23.43	23.94	0.51	-	EX
Lower girdle angle / Halves angle, °	41.90	41.84	41.96	0.12	-	EX
Star: Upper ratio, %	57.68:42.32	55.98:44.02	60.27:39.73	4.29	-	-
Culet, %	0.00	0.00	0.00	0.00	0	EX
Twist, °	0.21	0.02	0.57	0.55	-	FX
Girdle Bezel, %	2.89	2.74	3.01	0.97	N/A	FX
Girdle Bone, %	2.86	2.70	3.24	0.53	-	EX
Girdle Valley, %	1.23	1.03	1.52	0.49	0	EX
Total height, mm	4.213				N/A	-
Crown height, mm	1.055	1.043	1.065	0.022	-	-
Pavilion depth, mm	2.960	2.948	2.976	0.028	-	-
Table, mm	3.775	3.770	3.780	0.010	-	-
Culet, mm	0.000	0.000	0.000	0.000	-	-
Girdle Bezel, mm	0.198	0.188	0.207	0.019	-	-
Girdle Bone, mm	0.197	0.186	0.222	0.037	-	-
Girdle Valley, mm	0.085	0.071	0.105	0.034	-	-

Measurement as per OctoNus theory:

Crown angle, °	34.31	34.11	34.45	0.35	-	-
Pavilion angle, °	40.77	40.76	40.80	0.04	-	-
Fish eye effect, °			9.29		0	
Culet through Crown Bezel, °			8.97		0	

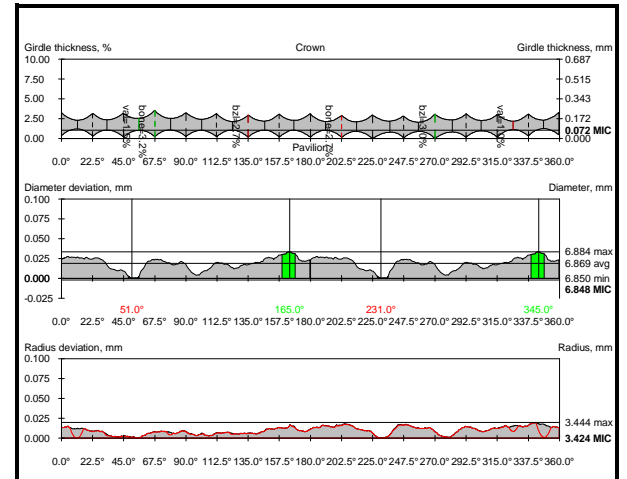
Azimuths deviation from ideal	1	2	3	4	5	6	7	8
Pavilion, °	0.00	-0.03	-0.09	-0.21	-0.15	0.02	0.06	0.01
Lower girdle facets / Pavilion Halves, °	-0.06	-0.02	-0.19	-0.03	-0.19	-0.29	-0.18	0.02
Crown, °	-0.17	-0.02	-0.10	0.13	0.26	0.11	0.29	0.24
Upper girdle facets, °	-0.28	-0.05	0.49	-0.12	0.05	-0.20	-0.18	0.05
Star facets, °	0.59	0.11	-0.27	-0.54	-0.48	0.43	-0.43	-0.74
	0.06	0.37	1.03	0.59	-0.05	-0.16	-0.65	-0.70



Girdle-Culet offset (by table axis)	Girdle-Table Offset (by table axis)	Table-Culet Offset (by table axis)
0.25 ± 0.19, %	0.15 ± 0.17, %	0.27 ± 0.21, %
0.017 ± 0.013, mm	0.010 ± 0.012, mm	0.018 ± 0.014, mm

1	2	3	4	5	6	7	8
6.874	6.860	6.868	6.868				
34.20	34.38	34.05	34.41	34.01	34.53	34.42	34.49
40.82	40.75	40.71	40.73	40.77	40.79	40.80	40.81
15.18	15.29	15.20	15.50	15.35	15.50	15.40	15.43
43.33	43.12	43.17	43.09	43.08	42.92	42.92	43.10
55.04	54.97	54.95	54.88				
42.45	41.97	41.43	41.81	41.55	41.78	41.63	41.75
42.34	42.04	41.95	42.12	41.91	41.85	41.66	41.72
23.53	23.65	23.84	23.94	23.91	23.81	23.70	23.43
41.90	41.88	41.86	41.84	41.84	41.86	41.87	41.86
41.90	41.88	41.92	41.92	41.94	41.94	41.96	41.96
57.37:42.63	60.27:39.73	58.21:41.79	57.52:42.48	58.71:41.29	56.22:43.78	57.19:42.81	55.98:44.02
0.28	0.02	0.57	0.09	0.20	0.23	0.25	0.04
2.85	2.92	2.96	2.74	2.90	2.94	3.01	2.80
2.85	3.24	2.87	2.84	2.70	2.71	2.94	2.74
1.08	1.28	1.52	1.43	1.34	1.06	1.13	1.21
1.08	1.21	1.39	1.13	1.50	1.29	1.03	1.04
1.043	1.050	1.044	1.065	1.055	1.064	1.058	1.060
2.976	2.962	2.965	2.960	2.959	2.948	2.948	2.960
3.780	3.776	3.774	3.770				
0.196	0.201	0.203	0.188	0.199	0.202	0.207	0.192
0.196	0.222	0.197	0.195	0.186	0.186	0.202	0.188
0.074	0.088	0.105	0.098	0.092	0.073	0.078	0.083
0.074	0.083	0.095	0.078	0.103	0.089	0.071	0.072

34.11	34.45	34.23	34.45				
40.80	40.77	40.76	40.77				
Extra Facet / Nat	No						
Girdle to MIC, mm	0.002						



Girdle type	Classical
	0.03, %
	0.002, mm