

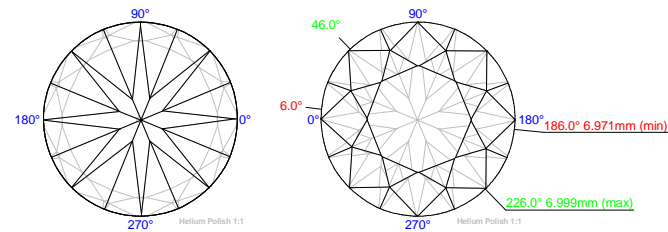
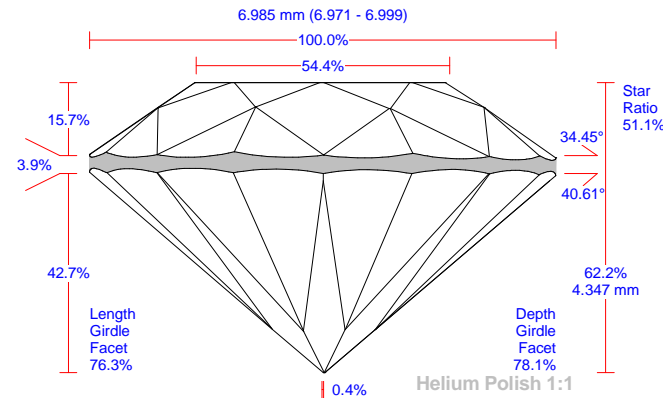
DIAMCALC ILLUSTRATED REPORT

Good Old Gold, Inc. Polished Brilliant

Model Helium
 Expert name J.W.
 Report date 11/24/09
 Real weight, ct 1.31
 Calculated weight, ct 1.31, 1.3110
 Measurements, mm 6.985 (6.971-6.999) x 4.347 /0.008
 Spread -0.05 ct, -3.74%

Average values, mm

Total height	Crown height	Pavilion depth	Table	Culet	Girdle		
					Bezel	Bone	Valley
4.347	1.095	2.983	3.798	0.025	0.269	0.293	0.168



Appraiser title
 Overall cut quality
 Overall symmetry quality

AGS_2005
 0
 IDEAL

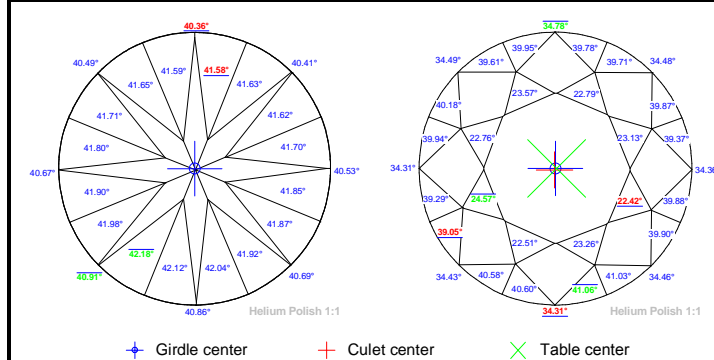
Symmetry	GIA Excellent
Polish	GIA Excellent
Color	J
Clarity	SI1
Fluorescence	Faint

Parameter	Avg	Min	Max	Dev	Cut	Sym
Diameter, mm	6.985	6.971	6.999	0.41%	N/A	EX
Crown angle, °	34.45	34.31	34.78	0.47	N/A	EX
Pavilion angle, °	40.61	40.36	40.91	0.55	N/A	EX
Total height, %	62.23				N/A	-
Crown height, %	15.67	15.33	16.15	0.82	N/A	EX
Pavilion depth, %	42.70	42.27	42.98	0.70	N/A	EX
Table, %	54.36	53.60	55.02	1.42	N/A	VG
Culet, %	0.36	0.30	0.40	0.10	0	EX
Girdle Bezel, %	3.86	3.65	3.98	0.33	0	EX
Girdle Bone, %	4.19	3.77	4.62	0.85	-	EX
Girdle Valley, %	2.41	2.12	2.76	0.64	0	EX
Star: Upper ratio, %	51.08: 48.92	48.73: 51.27	52.24: 47.76	3.51	-	-
Star angle, °	23.13	22.42	24.57	2.15	-	GD
Upper girdle angle, °	39.99	39.05	41.06	2.00	-	GD
Lower girdle angle / Halves angle, °	41.82	41.58	42.18	0.61	-	EX
Twist, °	1.10	0.26	2.94	2.68	-	GD
Crown height, mm	1.095	1.071	1.128	0.058	-	-
Pavilion depth, mm	2.983	2.953	3.002	0.049	-	-
Table, mm	3.798	3.744	3.843	0.099	-	-
Culet, mm	0.025	0.021	0.028	0.007	-	-
Girdle Bezel, mm	0.269	0.255	0.278	0.023	-	-
Girdle Bone, mm	0.293	0.263	0.323	0.059	-	-
Girdle Valley, mm	0.168	0.148	0.193	0.045	-	-

Measurement as per OctoNus theory:

Crown angle, °	34.45	34.33	34.54	0.21	-	-
Pavilion angle, °	40.61	40.59	40.66	0.07	-	-
Fish eye effect, °			8.88		N/A	-
Culet through Crown Bezel, °			7.30		N/A	-

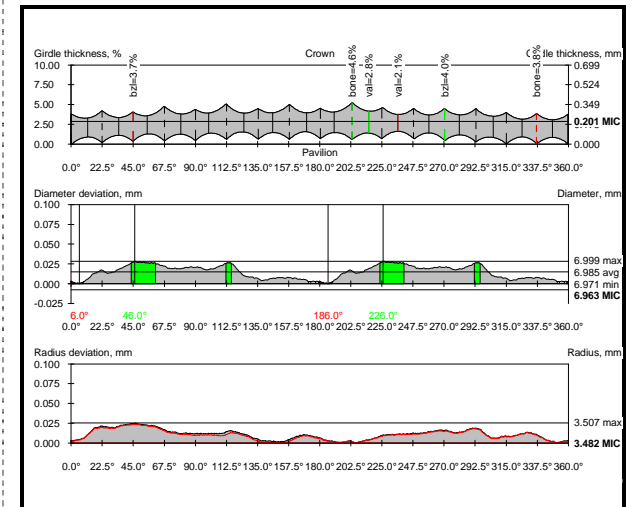
Parameter, °	1	2	3	4	5	6	7	8
Pav. azimuths deviation from ideal	0.00	0.16	0.46	0.86	0.79	0.75	-0.02	-0.11
Crown azimuths deviation from ideal	-1.92	-0.28	-0.68	0.40	-0.22	1.01	0.59	2.83
Crown painting	-0.42	-0.43	-2.16	-2.05	-2.08	-1.99	-1.75	-2.49
	-1.37	-1.63	-0.13	0.33	-0.26	0.48	-2.69	-2.11
Pavilion painting	-0.03	0.02	0.19	0.04	0.01	0.26	-0.37	0.12
	-0.41	0.23	-0.45	0.01	-0.10	-0.04	-0.05	0.02



Offset by table axis		
Girdle-Culet	0.57 ± 0.19, %	0.040 ± 0.013, mm
Girdle-Table	0.48 ± 0.17, %	0.033 ± 0.012, mm
Table-Culet	0.94 ± 0.21, %	0.066 ± 0.014, mm

1	2	3	4	5	6	7	8
6.973	6.999	6.991	6.977				
34.31	34.49	34.78	34.48	34.36	34.46	34.31	34.43
40.53	40.41	40.36	40.49	40.67	40.91	40.86	40.69
16.15	15.91	15.58	15.48	15.46	15.33	15.50	15.97
42.27	42.67	42.73	42.90	42.97	42.98	42.75	42.32
53.60	54.74	55.02	54.10				
3.80	3.65	3.92	3.84	3.82	3.87	3.98	3.95
3.99	4.33	4.43	4.39	4.62	3.78	4.20	3.77
2.38	2.25	2.29	2.55	2.55	2.36	2.48	2.37
2.58	2.76	2.12	2.26	2.51	2.67	2.23	2.22
50.33: 49.67	52.08: 47.92	50.98: 49.02	52.24: 47.76	52.00: 48.00	51.16: 48.84	51.10: 48.90	48.73: 51.27
22.76	23.57	22.79	23.13	22.42	23.26	22.51	24.57
39.94	40.18	39.61	39.95	39.78	39.71	39.87	39.37
39.88	39.90	41.03	41.06	40.60	40.58	39.05	39.29
41.70	41.62	41.63	41.58	41.59	41.65	41.71	41.80
41.90	41.98	42.18	42.12	42.04	41.92	41.87	41.85
1.92	0.44	1.14	0.46	1.01	0.26	0.61	2.94
1.128	1.111	1.088	1.081	1.080	1.071	1.083	1.115
2.953	2.981	2.985	2.997	3.002	3.002	2.986	2.956
3.744	3.824	3.843	3.779				
0.266	0.255	0.274	0.269	0.267	0.270	0.278	0.276
0.279	0.302	0.309	0.307	0.323	0.264	0.294	0.263
0.166	0.157	0.160	0.178	0.178	0.165	0.174	0.166
0.181	0.193	0.148	0.158	0.175	0.187	0.156	0.155

34.33	34.48	34.54	34.45				
40.60	40.66	40.61	40.59				
Extra Facet / Nat	No						
Girdle to MIC, mm	0.008						



Paint / Dug	Avg	Max	Type
Crown, °	-1.30	-2.69	Classical
Crown, notches	0.3, Small	0.7	
Pavilion, °	-0.03	-0.45	
Pavilion, notches	0.0, Negligible	0.1	