

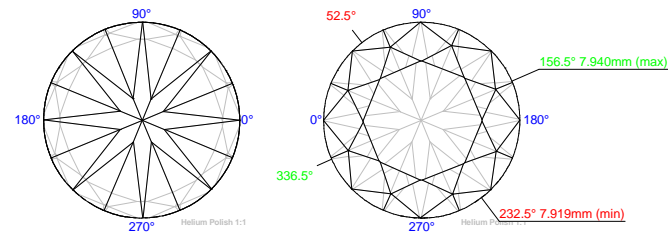
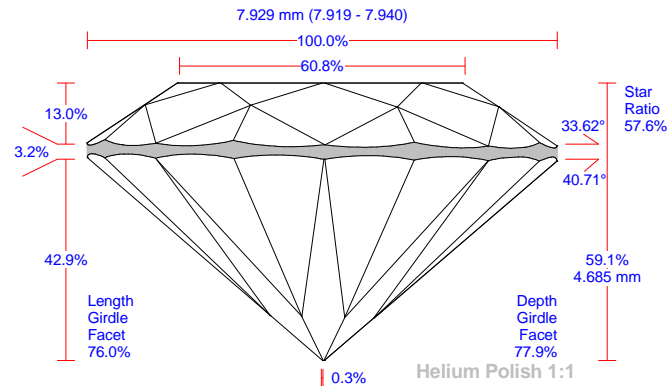
# DIAMCALC ILLUSTRATED REPORT

Good Old Gold, Inc. Polished Brilliant

Model Helium  
 Expert name J.W.  
 Report date 01.10.2008  
 Real weight, ct 1.80  
 Calculated weight, ct 1.80, 1.8038  
 Measurements, mm 7.929 (7.919-7.940) x 4.685 /0.004  
 Spread 0.05 ct, 2.53%

## Average values, mm

Total height	Crown height	Pavilion depth	Table	Culet	Girdle		
					Bezel	Bone	Valley
4.685	1.034	3.399	4.817	0.025	0.251	0.298	0.144



Appraiser title AGS\_2005  
 Overall cut quality IDEAL  
 Overall symmetry quality IDEAL

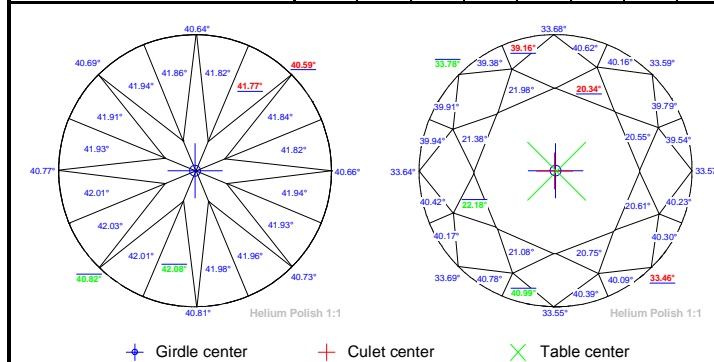
<b>Symmetry</b>	GIA Excellent
<b>Polish</b>	GIA Very Good
<b>Color</b>	D
<b>Clarity</b>	SI1
<b>Fluorescence</b>	None

Parameter	Avg	Min	Max	Dev	Cut	Sym
Diameter, mm	7.929	7.919	7.940	0.26%	N/A	EX
Crown angle, °	33.62	33.46	33.78	0.31	N/A	EX
Pavilion angle, °	40.71	40.59	40.82	0.22	N/A	EX
Total height, %	59.09				N/A	-
Crown height, %	13.05	12.67	13.40	0.73	N/A	EX
Pavilion depth, %	42.87	42.48	43.22	0.75	N/A	EX
Table, %	60.76	60.68	60.83	0.14	N/A	EX
Culet, %	0.32	0.25	0.36	0.11	0	EX
Girdle Bezel, %	3.17	3.09	3.28	0.19	0	EX
Girdle Bone, %	3.76	3.52	3.90	0.38	-	EX
Girdle Valley, %	1.82	1.66	2.03	0.37	0	EX
Star: Upper ratio, %	57.65: 42.35	56.66: 43.34	58.73: 41.27	2.07	-	-
Star angle, °	21.11	20.34	22.18	1.84	-	VG
Upper girdle angle, °	40.12	39.16	40.99	1.82	-	VG
Lower girdle angle / Halves angle, °	41.93	41.77	42.08	0.32	-	EX
Twist, °	0.88	0.37	2.64	2.27	-	GD
Crown height, mm	1.034	1.004	1.063	0.058	-	-
Pavilion depth, mm	3.399	3.368	3.427	0.059	-	-
Table, mm	4.817	4.811	4.823	0.011	-	-
Culet, mm	0.025	0.020	0.029	0.009	-	-
Girdle Bezel, mm	0.251	0.245	0.260	0.015	-	-
Girdle Bone, mm	0.298	0.279	0.309	0.030	-	-
Girdle Valley, mm	0.144	0.132	0.161	0.030	-	-

## Measurement as per OctoNus theory:

Crown angle, °	33.62	33.61	33.64	0.03	-	-
Pavilion angle, °	40.71	40.70	40.72	0.02	-	-
Fish eye effect, °			5.68		N/A	-
Culet through Crown Bezel, °			17.92		N/A	-

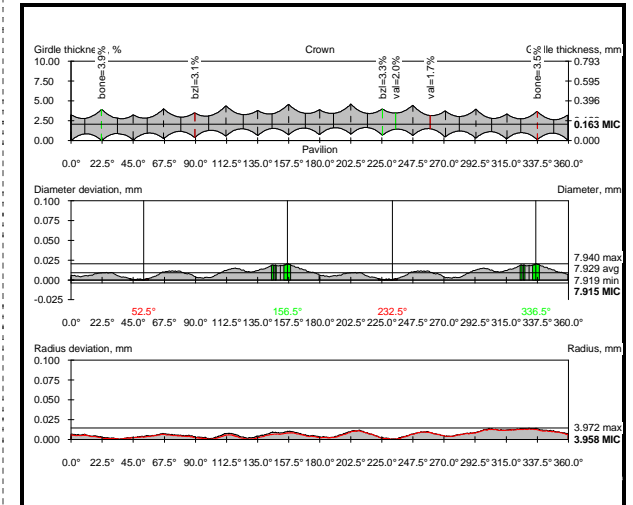
Parameter, °	1	2	3	4	5	6	7	8
Pav. azimuths deviation from ideal	0.00	0.03	0.18	0.09	0.17	-0.00	0.11	-0.19
Crown azimuths deviation from ideal	-0.37	-0.46	-2.45	-0.66	-0.27	0.49	0.73	1.07
Crown painting	-2.23	-2.68	-2.94	-3.72	-1.32	-2.66	-2.38	-2.92
Pavilion painting	-0.16	0.18	0.05	0.18	-0.21	-0.07	0.02	-0.03
	-0.19	-0.17	-0.05	0.22	-0.11	-0.09	0.02	0.20



Offset by table axis		
Girdle-Culet	0.37 ± 0.17, %	0.029 ± 0.014, mm
Girdle-Table	0.44 ± 0.15, %	0.035 ± 0.012, mm
Table-Culet	0.75 ± 0.19, %	0.059 ± 0.015, mm

1	2	3	4	5	6	7	8
7.925	7.920	7.923	7.931				
33.64	33.78	33.68	33.59	33.57	33.46	33.55	33.69
40.66	40.59	40.64	40.69	40.77	40.82	40.81	40.73
13.38	13.40	13.16	12.83	12.74	12.67	12.92	13.28
42.48	42.53	42.85	43.10	43.22	43.14	42.95	42.69
60.68	60.73	60.79	60.83				
3.24	3.16	3.09	3.15	3.12	3.28	3.22	3.12
3.90	3.76	3.81	3.85	3.77	3.79	3.65	3.52
1.94	1.93	1.91	1.79	1.82	1.79	1.83	1.85
1.82	1.77	2.03	1.66	1.82	1.68	1.74	1.69
58.04: 41.96	57.07: 42.93	58.28: 41.72	57.31: 42.69	58.73: 41.27	57.58: 42.42	57.51: 42.49	56.66: 43.34
21.38	21.98	20.34	20.55	20.61	20.75	21.08	22.18
39.94	39.91	39.38	39.16	40.62	40.16	39.79	39.54
40.23	40.30	40.09	40.39	40.99	40.78	40.17	40.42
41.82	41.84	41.77	41.82	41.86	41.94	41.91	41.93
42.01	42.03	42.01	42.08	41.98	41.96	41.93	41.94
0.37	0.49	2.64	0.74	0.44	0.49	0.63	1.26
1.060	1.063	1.043	1.017	1.010	1.004	1.024	1.053
3.368	3.372	3.397	3.417	3.427	3.421	3.405	3.385
4.811	4.815	4.820	4.823				
0.257	0.250	0.245	0.250	0.248	0.260	0.255	0.247
0.309	0.298	0.302	0.305	0.299	0.300	0.289	0.279
0.153	0.153	0.151	0.142	0.144	0.142	0.145	0.147
0.144	0.141	0.161	0.132	0.144	0.133	0.138	0.134

33.61	33.62	33.62	33.64				
40.71	40.70	40.72	40.71				
<b>Extra Facet / Nat</b>	<b>No</b>						
<b>Girdle to MIC, mm</b>	<b>0.004</b>						



Paint / Dug	Avg	Max	Type
Crown, °	-2.26	-3.72	Classical
Crown, notches	0.6, Small	1.0	
Pavilion, °	-0.01	0.22	
Pavilion, notches	0.0, Negligible	0.1	