

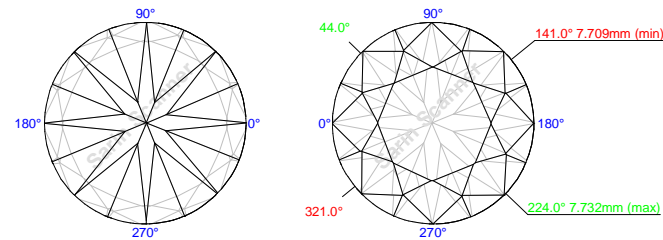
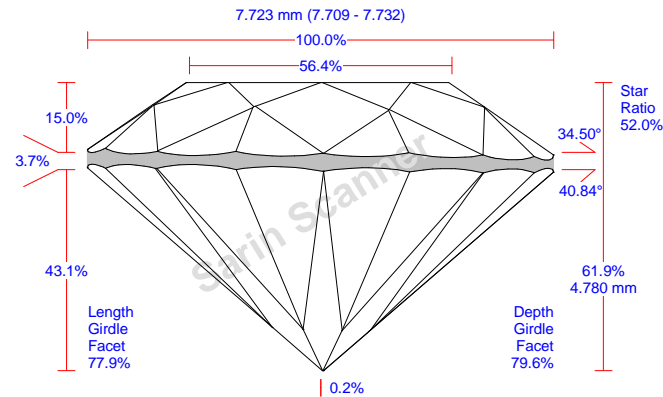
HELIUM ILLUSTRATED REPORT

Good Old Gold, Inc. Polished Brilliant

Model Sarin
 Expert name J.W.
 Report date Aug 2010
 Real weight, ct 1.75
 Calculated weight, ct 1.76, 1.7590
 Measurements 7.723 (7.709-7.732) x 4.780 /0.001 mm
 Spread -0.05 ct, -3.17%

Average values, mm

Diam	Total height	Crown height	Pav. depth	Table	Culet	Girdle		
						Bezel	Bone	Valley
7.723	4.780	1.159	3.331	4.353	0.014	0.289	0.304	0.169



Appraiser title
 Overall cut quality
 Symmetry appraiser title
 Overall symmetry quality

AGS_2005
 0
 N/A
 IDEAL

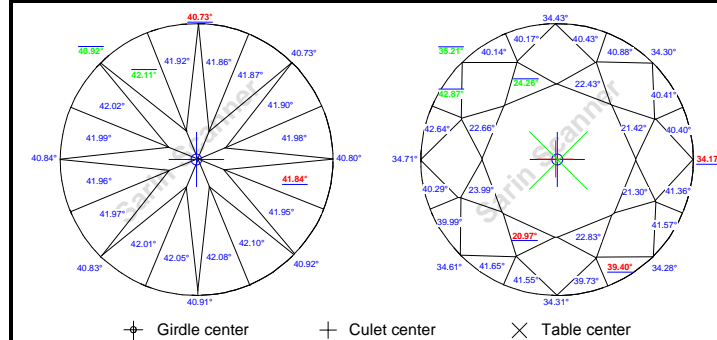
Color	H
Clarity	VVS2
Polish/Symmetry	AGS IDEAL
Fluorescence	NONE

Parameter	Avg	Min	Max	Dev	Cut	Sym
Diameter, mm	7.723	7.709	7.732	0.30%	N/A	EX
Crown angle, °	34.50	34.17	35.21	1.05	N/A	VG
Pavilion angle, °	40.84	40.73	40.92	0.19	N/A	EX
Total height, %	61.89				N/A	
Crown height, %	15.01	14.43	15.63	1.20	N/A	VG
Pavilion depth, %	43.13	42.48	43.75	1.28	N/A	VG
Table, %	56.37	56.24	56.48	0.24	N/A	EX
Culet, %	0.19	0.09	0.23	0.15	0	EX
Girdle Bezel, %	3.74	3.48	3.85	0.37	0	EX
Girdle Bone, %	3.94	3.45	4.28	0.82		VG
Girdle Valley, %	2.19	1.74	2.47	0.73	0	EX
Star: Upper ratio, %	52.04: 47.96	50.76: 49.24	53.26: 46.74	2.50		VG
Star angle, °	22.48	20.97	24.26	3.30		FR
Upper girdle angle, °	40.84	39.40	42.87	3.48		FR
Lower girdle angle / Halves angle, °	41.98	41.84	42.11	0.28		EX
Twist, °	1.43	0.06	3.36	3.30		FR
Crown height, mm	1.159	1.114	1.207	0.093	N/A	VG
Pavilion depth, mm	3.331	3.280	3.379	0.099	N/A	VG
Table, mm	4.353	4.343	4.362	0.018	N/A	EX
Culet, mm	0.014	0.007	0.018	0.011	0	EX
Girdle Bezel, mm	0.289	0.269	0.297	0.028	0	EX
Girdle Bone, mm	0.304	0.267	0.330	0.063		VG
Girdle Valley, mm	0.169	0.134	0.191	0.057	0	EX

Measurement as per OctoNus theory:

Crown angle, °	34.50	34.37	34.75	0.38		
Pavilion angle, °	40.84	40.78	40.92	0.14		
Fish eye effect, °			8.65		N/A	
Culet through Crown Bezel, °			9.58		N/A	

Parameter, °	1	2	3	4	5	6	7	8
Pav. azimuths dev. from ideal	0.00	0.29	0.36	0.07	0.04	-0.23	-0.40	0.17
Crown azimuths dev. from ideal	-0.06	1.17	-1.72	-1.73	-0.68	2.22	-0.29	3.53
Crown painting	1.79	1.29	-2.87	-1.86	-0.59	-1.02	-0.91	-1.52
	0.20	0.58	-2.90	-2.29	0.46	1.03	-2.66	-1.47
Pavilion painting	0.33	-0.34	0.33	0.27	-0.23	-0.12	-0.03	-0.17
	-0.03	-0.68	0.37	-0.58	0.21	0.26	-0.21	-0.44

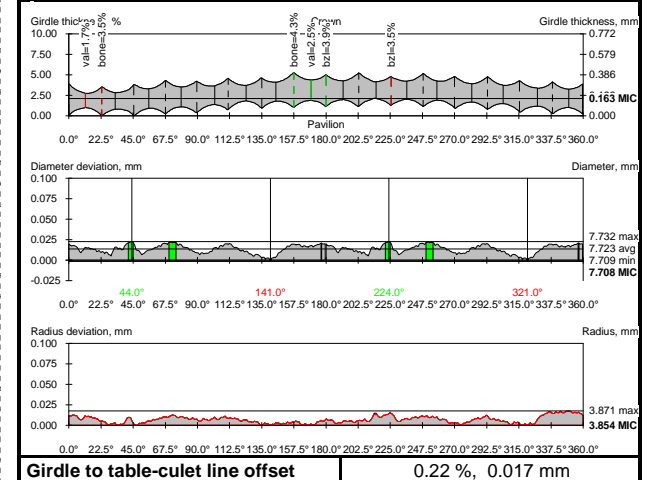


Offset by table axis		
Girdle-Culet	0.63 ± 0.17, %	0.048 ± 0.013, mm
Girdle-Table	0.53 ± 0.14, %	0.041 ± 0.011, mm
Table-Culet	1.14 ± 0.18, %	0.088 ± 0.014, mm

1	2	3	4	5	6	7	8
7.729	7.731	7.718	7.712				
34.71	35.21	34.43	34.30	34.17	34.28	34.31	34.61
40.80	40.73	40.73	40.92	40.84	40.83	40.91	40.92
15.56	15.63	15.22	14.80	14.43	14.65	14.61	15.15
42.62	42.48	42.85	43.44	43.61	43.75	43.38	42.94
56.39	56.48	56.37	56.24				
3.72	3.79	3.82	3.65	3.85	3.48	3.83	3.79
3.45	4.06	3.81	4.28	4.07	4.04	3.98	3.86
1.74	2.00	2.37	2.40	2.26	1.89	2.28	2.47
2.29	1.98	2.19	2.33	2.22	2.23	2.17	2.23
51.75:	53.26:	51.89:	52.15:	53.04:	52.24:	51.23:	50.76:
48.25	46.74	48.11	47.85	46.96	47.76	48.77	49.24
22.66	24.26	22.43	21.42	21.30	22.83	20.97	23.99
42.64	42.87	40.14	40.17	40.43	40.88	40.41	40.40
41.36	41.57	39.40	39.73	41.55	41.65	39.99	40.29
41.98	41.90	41.87	41.86	41.92	42.11	42.02	41.99
41.96	41.97	42.01	42.05	42.08	42.10	41.95	41.84
0.06	0.88	2.08	1.80	0.72	2.45	0.11	3.36
1.202	1.207	1.175	1.143	1.114	1.131	1.129	1.170
3.292	3.280	3.309	3.355	3.368	3.379	3.350	3.316
4.355	4.362	4.354	4.343				
0.287	0.292	0.295	0.282	0.297	0.269	0.296	0.293
0.267	0.314	0.294	0.330	0.314	0.312	0.307	0.298
0.134	0.154	0.183	0.186	0.174	0.146	0.176	0.191
0.177	0.153	0.169	0.180	0.172	0.172	0.168	0.172

34.44	34.75	34.37	34.46				
40.82	40.78	40.82	40.92				
Extra Facet / Nat	No						
Girdle to MIC, mm	0.001						

Paint / Dug	Avg	Type	Sym	Dev	Sym
Crown, °	-0.80	Classical	N/A	-2.90	N/A
Crown, notch	0.2, Very small			0.8	
Pavilion, °	-0.07	N/A	N/A	-0.68	N/A
Pavilion, notch	0.0, Negligible			0.2	



Girdle to table-culet line offset	0.22 %, 0.017 mm
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