

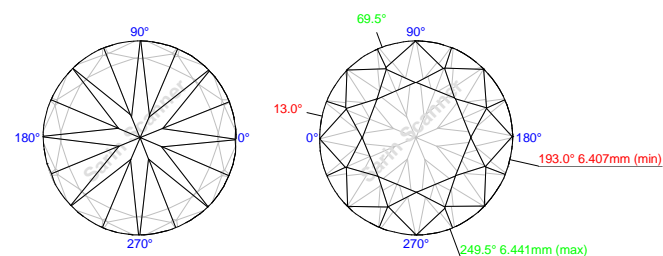
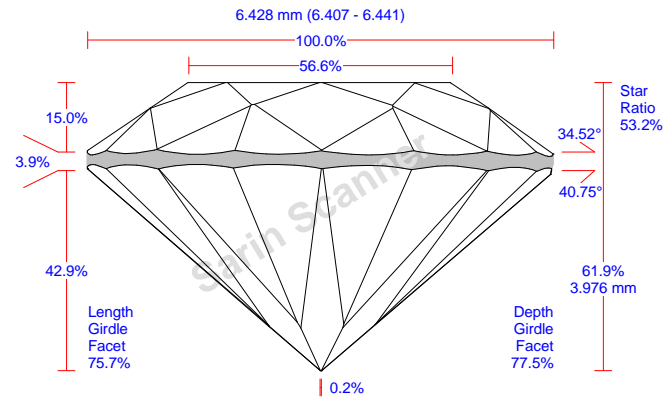
HELIUM ILLUSTRATED REPORT

Good Old Gold, Inc. Polished Brilliant

Model Sarin
 Expert name J.W.
 Report date May 2010
 Real weight, ct 1.01
 Calculated weight, ct 1.02, 1.0192
 Measurements 6.428 (6.407-6.441) x 3.976 /0.002 mm
 Spread -0.04 ct, -3.68%

Average values, mm

Diam	Total height	Crown height	Pav. depth	Table	Culet	Girdle		
						Bezel	Bone	Valley
6.428	3.976	0.961	2.761	3.637	0.014	0.254	0.256	0.147



Appraiser title AGS_2005
 Overall cut quality 0
 Symmetry appraiser title N/A
 Overall symmetry quality IDEAL

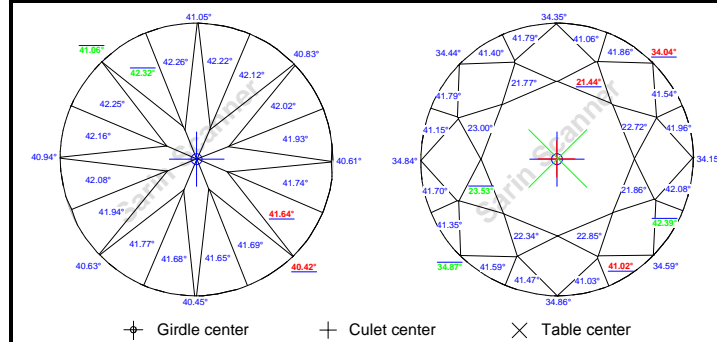
Color	F
Clarity	SI1
Polish/Symmetry	AGS IDEAL
Fluorescence	NONE

Parameter	Avg	Min	Max	Dev	Cut	Sym
Diameter, mm	6.428	6.407	6.441	0.53%	N/A	EX
Crown angle, °	34.52	34.04	34.87	0.83	N/A	VG
Pavilion angle, °	40.75	40.42	41.06	0.64	N/A	VG
Total height, %	61.86				N/A	
Crown height, %	14.96	14.39	15.46	1.08	N/A	VG
Pavilion depth, %	42.94	42.14	43.38	1.24	N/A	VG
Table, %	56.58	56.29	56.70	0.42	N/A	EX
Culet, %	0.22	0.17	0.27	0.10	0	EX
Girdle Bezel, %	3.95	3.70	4.32	0.62	0	EX
Girdle Bone, %	3.98	3.74	4.32	0.58		EX
Girdle Valley, %	2.29	2.09	2.57	0.48	0	EX
Star: Upper ratio, %	53.19: 46.81	51.63: 48.37	55.97: 44.03	4.34		GD
Star angle, °	22.44	21.44	23.53	2.09		GD
Upper girdle angle, °	41.57	41.02	42.39	1.37		VG
Lower girdle angle / Halves angle, °	41.97	41.64	42.32	0.68		EX
Twist, °	0.94	0.69	1.24	0.55		EX
Crown height, mm	0.961	0.925	0.994	0.069	N/A	VG
Pavilion depth, mm	2.761	2.709	2.789	0.080	N/A	VG
Table, mm	3.637	3.618	3.645	0.027	N/A	EX
Culet, mm	0.014	0.011	0.017	0.007	0	EX
Girdle Bezel, mm	0.254	0.238	0.278	0.040	0	EX
Girdle Bone, mm	0.256	0.240	0.278	0.038		EX
Girdle Valley, mm	0.147	0.134	0.165	0.031	0	EX

Measurement as per OctoNus theory:

Crown angle, °	34.52	34.46	34.60	0.15		
Pavilion angle, °	40.75	40.73	40.77	0.04		
Fish eye effect, °			8.18		N/A	
Culet through Crown Bezel, °			9.79		N/A	

Parameter, °	1	2	3	4	5	6	7	8
Pav. azimuths dev. from ideal	0.00	-0.51	-0.61	-0.78	-0.85	-0.58	-1.09	-0.68
Crown azimuths dev. from ideal	-1.01	-1.33	-1.38	0.26	0.04	0.66	-0.40	0.40
Crown painting	-1.04	-0.25	0.10	-0.65	0.28	1.05	-0.35	0.47
	0.49	0.81	-0.79	-1.43	0.04	-0.24	-1.06	-1.07
Pavilion painting	-0.29	-0.03	0.54	-0.71	0.45	-0.02	-0.18	-0.06
	-0.14	0.68	-0.43	-0.14	0.77	0.13	0.26	0.14



Offset by table axis		
Girdle-Culet	0.14 ± 0.19, %	0.009 ± 0.012, mm
Girdle-Table	0.38 ± 0.17, %	0.024 ± 0.011, mm
Table-Culet	0.41 ± 0.21, %	0.027 ± 0.013, mm

1	2	3	4	5	6	7	8
6.427	6.421	6.439	6.429				
34.84	34.44	34.35	34.04	34.15	34.59	34.86	34.87
40.61	40.83	41.05	41.06	40.94	40.63	40.45	40.42
15.34	14.77	14.69	14.39	14.70	14.94	15.36	15.46
42.14	42.93	43.37	43.33	43.38	42.93	42.79	42.67
56.29	56.70	56.70	56.63				
4.32	4.18	3.77	4.11	3.80	3.98	3.70	3.72
4.18	4.01	3.75	3.89	4.32	3.74	4.08	3.91
2.47	2.57	2.34	2.28	2.21	2.21	2.46	2.09
2.33	2.27	2.19	2.10	2.44	2.36	2.12	2.15
54.98:	51.63:	51.69:	55.97:	52.13:	52.50:	52.09:	54.56:
45.02	48.37	48.31	44.03	47.87	47.50	47.91	45.44
23.00	21.77	21.44	22.72	21.86	22.85	22.34	23.53
41.15	41.79	41.40	41.79	41.06	41.86	41.54	41.96
42.08	42.39	41.02	41.03	41.47	41.59	41.35	41.70
41.93	42.02	42.12	42.22	42.26	42.32	42.25	42.16
42.08	41.94	41.77	41.68	41.65	41.69	41.64	41.74
1.01	0.82	0.77	1.04	0.89	1.24	0.69	1.08
0.986	0.950	0.944	0.925	0.945	0.960	0.987	0.994
2.709	2.760	2.788	2.786	2.789	2.760	2.751	2.743
3.618	3.645	3.645	3.640				
0.278	0.268	0.243	0.264	0.244	0.256	0.238	0.239
0.269	0.258	0.241	0.250	0.278	0.240	0.262	0.251
0.158	0.165	0.150	0.147	0.142	0.142	0.158	0.134
0.150	0.146	0.141	0.135	0.157	0.151	0.136	0.138

34.49	34.52	34.60	34.46				
40.77	40.73	40.75	40.74				
Extra Facet / Nat	No						
Girdle to MIC, mm	0.002						

Paint / Dug	Avg	Type	Sym	Dev	Sym
Crown, °	-0.23	Classical	N/A	-1.43	N/A
Crown, notch	0.1, Negligible			0.4	
Pavilion, °	0.06	N/A	N/A	0.77	N/A
Pavilion, notch	0.0, Negligible			0.2	

