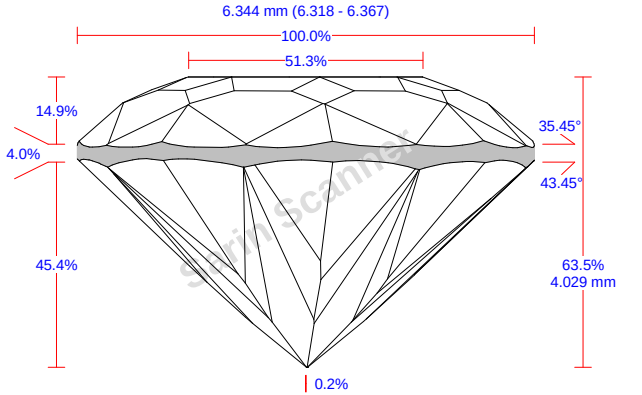
HELIUM ILLUSTRATED REPORT

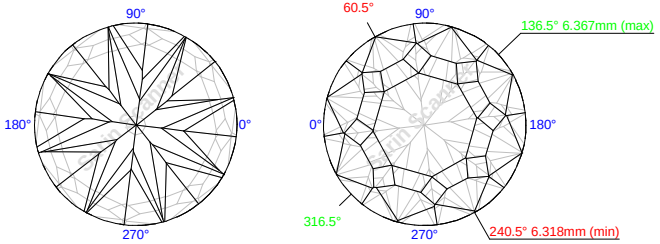
Good Old Gold, Inc. Eighternity

Model	Sarin
Expert name	JW
Report date	7/6/10
Real weight, ct	1.01
Calculated weight, ct	1.01, 1.0163
Measurements	6.344 (6.318-6.367) x 4.029 /0.004 mm
Spread	-0.06 ct, -6.86%

Average values, mm

Diam	Total height	Crown height	Pav. depth	Table	Culet	Girdle		
						Bezel	Bone	Valley
6.344	4.029	0.946	2.880	3.253	0.012	0.251	N/A	0.254



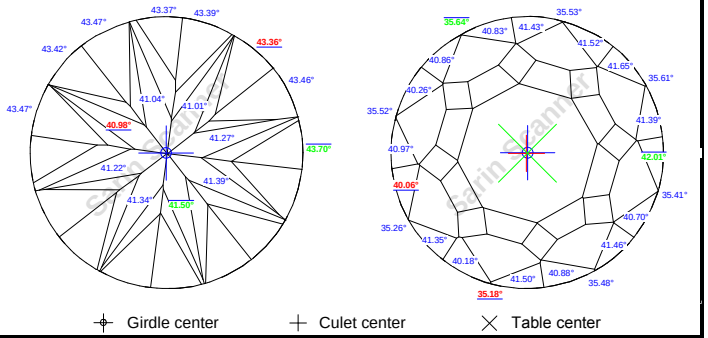


Appraiser title	AGS_2005
Overall cut quality	N/A
Symmetry appraiser title	N/A
Overall symmetry quality	

Color	F
Clarity	SI2
Polish/Symmetry	GIA Excellent / Excellent
Fluorescence	None

Parameter	Avg	Min	Max	Dev	Cut	Sym
Diameter, mm	6.344	6.318	6.367	0.78%	N/A	EX
Crown angle, °	35.45	35.18	35.64	0.47	N/A	EX
Pavilion angle, °	43.45	43.36	43.70	0.34	N/A	EX
Total height, %	63.51				N/A	
Crown height, %	14.91	14.70	15.06	0.36	N/A	EX
Pavilion depth, %	45.40	44.99	45.60	0.61	N/A	EX
Table, %	51.29	51.19	51.43	0.24	N/A	EX
Culet, %	0.18	0.11	0.25	0.14	0	EX
Girdle Bezel, %	3.95	2.64	5.35	2.71	3	FR
Girdle Bone, %	N/A	N/A	N/A	N/A		N/A
Girdle Valley, %	4.00	2.78	5.40	2.62	0	FR
Star: Upper ratio, %	N/A: N/A	N/A: N/A	N/A: N/A	N/A		N/A
Star angle, °	N/A	N/A	N/A	N/A		N/A
Upper girdle angle, °	41.07	40.06	42.01	1.95		GD
Lower girdle angle / Halves angle, °	41.22	40.98	41.50	0.52		EX
Twist, °	14.43	13.96	14.83	0.87		EX
Crown height, mm	0.946	0.932	0.955	0.023	N/A	EX
Pavilion depth, mm	2.880	2.854	2.893	0.039	N/A	EX
Table, mm	3.253	3.247	3.263	0.015	N/A	EX
Culet, mm	0.012	0.007	0.016	0.009	0	EX
Girdle Bezel, mm	0.251	0.168	0.340	0.172	3	EX
Girdle Bone, mm	N/A	N/A	N/A	N/A		N/A
Girdle Valley, mm	0.254	0.176	0.342	0.166	0	EX
Measurement as per OctoNus theory:						
Crown angle, °	N/A	N/A	N/A	N/A		
Pavilion angle, °	N/A	N/A	N/A	N/A		
Fish eye effect, °			N/A		N/A	
Culet through Crown Bezel, °			N/A		N/A	

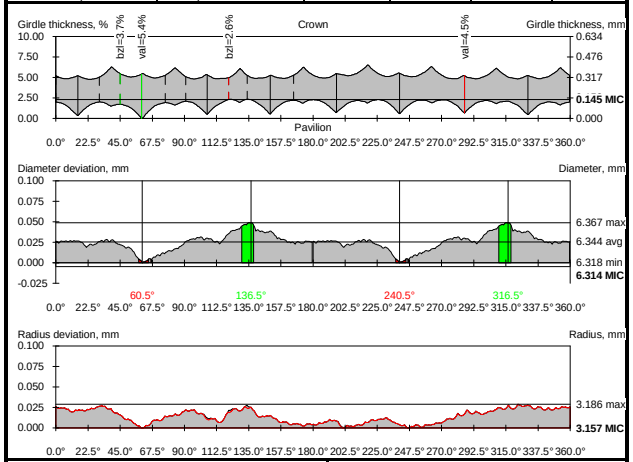
Parameter, °	1	2	3	4	5	6	7	8
Pav. azimuths dev. from ideal	0.00	-14.67	-44.67	-59.04	-89.39	-103.86	-135.39	-149.16
Crown azimuths dev. from ideal	16.37	16.67	16.49	16.01	16.10	16.36	15.97	16.44
Crown painting	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pavilion painting	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



Offset by table axis		
Girdle-Culet	0.49 ± 0.20, %	0.031 ± 0.013, mm
Girdle-Table	0.19 ± 0.17, %	0.012 ± 0.011, mm
Table-Culet	0.34 ± 0.21, %	0.022 ± 0.014, mm

1	2	3	4	5	6	7	8
6.344	6.344	6.340	6.329				
35.52	35.64	35.53	35.61	35.41	35.48	35.18	35.26
43.70	43.46	43.36	43.39	43.37	43.47	43.42	43.47
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
51.25	51.19	51.43	51.28				
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
N/A: N/A	N/A: N/A	N/A: N/A	N/A: N/A	N/A: N/A	N/A: N/A	N/A: N/A	N/A: N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
40.97 42.01	40.26 40.70	40.86 41.46	40.83 40.88	41.43 41.50	41.52 40.18	41.65 41.35	41.39 40.06
41.27 N/A	41.01 N/A	41.04 N/A	40.98 N/A	41.22 N/A	41.34 N/A	41.50 N/A	41.39 N/A
13.96	14.29	14.65	14.83	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3.251	3.247	3.263	3.253				
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
N/A	N/A	N/A	N/A				
N/A	N/A	N/A	N/A				
Extra Facet / Nat			No				
Girdle to MIC, mm			0.004				

Paint / Dug	Avg	Type	Sym	Dev	Sym
Crown, °	N/A	Classical	N/A	N/A	N/A
Crown, notch.	N/A, N/A			N/A	
Pavilion, °	N/A		N/A	N/A	N/A
Pavilion, notch.	N/A, N/A			N/A	



Girdle to table-culet line offset	0.27 %, 0.017 mm