

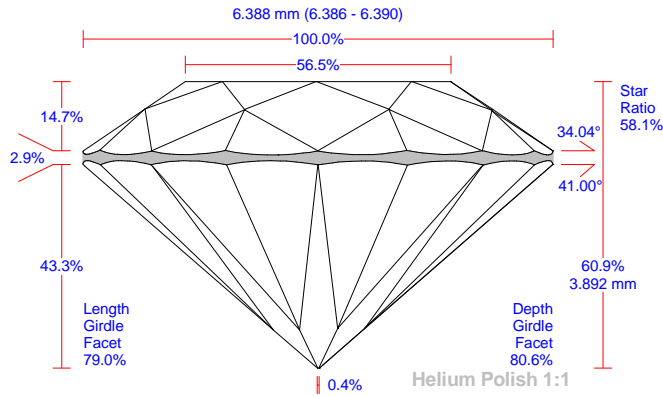
DIAMCALC ILLUSTRATED REPORT

Good Old Gold, Inc. Polished Brilliant

Model Hellium
 Expert name Jonathan Weingarten
 Report date 13.12.2007
 Real weight, ct .96
 Calculated weight, ct 0.96, 0.9624
 Measurements, mm 6.388 (6.386-6.390) x 3.892 /0.001
 Spread 0.01 ct, 0.62%

Average values, mm

| Total height | Crown height | Pavilion depth | Table | Culet | Girdle | | |
|--------------|--------------|----------------|-------|-------|--------|-------|--------|
| | | | | | Bezel | Bone | Valley |
| 3.892 | 0.939 | 2.768 | 3.612 | 0.025 | 0.186 | 0.196 | 0.084 |

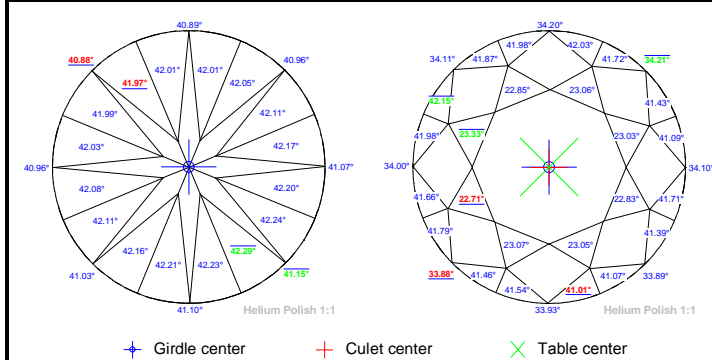


| Parameter | Avg | Min | Max | Dev | Cut | Sym |
|--------------------------------------|-------------|-------------|-------------|-------|-----|-----|
| Diameter, mm | 6.388 | 6.386 | 6.390 | 0.06% | N/A | EX |
| Crown angle, ° | 34.04 | 33.88 | 34.21 | 0.33 | N/A | EX |
| Pavilion angle, ° | 41.00 | 40.88 | 41.15 | 0.27 | N/A | EX |
| Total height, % | 60.93 | | | | N/A | - |
| Crown height, % | 14.70 | 14.52 | 14.78 | 0.26 | N/A | EX |
| Pavilion depth, % | 43.32 | 43.24 | 43.40 | 0.17 | N/A | EX |
| Table, % | 56.55 | 56.44 | 56.70 | 0.26 | N/A | EX |
| Culet, % | 0.39 | 0.34 | 0.43 | 0.09 | 0 | EX |
| Girdle Bezel, % | 2.91 | 2.83 | 3.01 | 0.18 | 0 | EX |
| Girdle Bone, % | 3.06 | 2.94 | 3.15 | 0.22 | - | EX |
| Girdle Valley, % | 1.32 | 1.21 | 1.41 | 0.20 | 0 | EX |
| Star: Upper ratio, % | 58.06:41.94 | 56.72:43.28 | 59.16:40.84 | 2.44 | - | - |
| Star angle, ° | 22.99 | 22.71 | 23.33 | 0.62 | | EX |
| Upper girdle angle, ° | 41.62 | 41.01 | 42.15 | 1.14 | - | EX |
| Lower girdle angle / Halves angle, ° | 42.12 | 41.97 | 42.29 | 0.32 | - | EX |
| Twist, ° | 0.33 | 0.00 | 0.95 | 0.94 | - | EX |
| Crown height, mm | 0.939 | 0.928 | 0.944 | 0.016 | - | - |
| Pavilion depth, mm | 2.768 | 2.762 | 2.773 | 0.011 | - | - |
| Table, mm | 3.612 | 3.606 | 3.622 | 0.016 | - | - |
| Culet, mm | 0.025 | 0.022 | 0.028 | 0.006 | - | - |
| Girdle Bezel, mm | 0.186 | 0.181 | 0.192 | 0.012 | - | - |
| Girdle Bone, mm | 0.196 | 0.188 | 0.201 | 0.014 | - | - |
| Girdle Valley, mm | 0.084 | 0.077 | 0.090 | 0.012 | - | - |

Measurement as per OctoNus theory:

| | | | | | | |
|------------------------------|-------|-------|-------|------|-----|---|
| Crown angle, ° | 34.04 | 34.00 | 34.07 | 0.06 | - | - |
| Pavilion angle, ° | 41.00 | 40.99 | 41.01 | 0.02 | - | - |
| Fish eye effect, ° | | | 9.32 | | N/A | - |
| Culet through Crown Bezel, ° | | | 11.38 | | N/A | - |

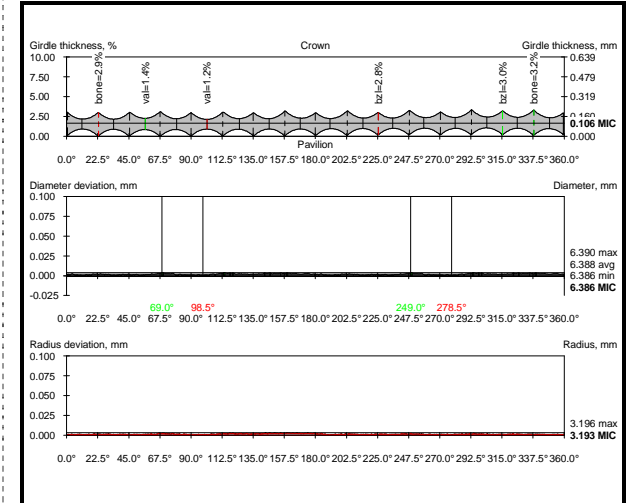
| Parameter, ° | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Pav. azimuths deviation from ideal | 0.00 | 0.00 | 0.11 | 0.16 | 0.26 | 0.21 | 0.21 | 0.09 |
| Crown azimuths deviation from ideal | 0.95 | 0.21 | 0.61 | 0.41 | 0.12 | 0.69 | 0.21 | 0.21 |
| Crown painting | -0.52 | -0.22 | -0.03 | -0.04 | -0.59 | -0.42 | -0.76 | -1.07 |
| | -0.44 | -0.52 | -1.13 | -1.16 | -0.54 | -0.73 | -0.01 | -0.27 |
| Pavilion painting | 0.12 | -0.16 | 0.09 | -0.08 | 0.05 | -0.18 | 0.09 | -0.14 |
| | 0.01 | -0.24 | 0.09 | -0.21 | 0.09 | -0.22 | 0.08 | -0.22 |



| Offset by table axis | | |
|----------------------|----------------|-------------------|
| Girdle-Culet | 0.14 ± 0.20, % | 0.009 ± 0.013, mm |
| Girdle-Table | 0.02 ± 0.18, % | 0.001 ± 0.011, mm |
| Table-Culet | 0.14 ± 0.22, % | 0.009 ± 0.014, mm |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 6.388 | 6.388 | 6.387 | 6.388 | | | | |
| 34.00 | 34.11 | 34.20 | 34.21 | 34.10 | 33.89 | 33.93 | 33.88 |
| 41.07 | 40.96 | 40.89 | 40.88 | 40.96 | 41.03 | 41.10 | 41.15 |
| | | | | | | | |
| 14.71 | 14.70 | 14.74 | 14.78 | 14.78 | 14.72 | 14.66 | 14.52 |
| 43.32 | 43.25 | 43.24 | 43.29 | 43.33 | 43.38 | 43.38 | 43.40 |
| 56.48 | 56.44 | 56.56 | 56.70 | | | | |
| | | | | | | | |
| 2.90 | 2.98 | 2.95 | 2.87 | 2.83 | 2.83 | 2.89 | 3.01 |
| 2.94 | 3.06 | 3.00 | 3.10 | 3.07 | 3.09 | 3.09 | 3.15 |
| 1.24 | 1.27 | 1.41 | 1.35 | 1.21 | 1.32 | 1.28 | 1.35 |
| 1.27 | 1.30 | 1.29 | 1.34 | 1.35 | 1.35 | 1.37 | 1.37 |
| 58.86:41.14 | 58.28:41.72 | 58.04:41.96 | 56.72:43.28 | 57.59:42.41 | 57.68:42.32 | 59.16:40.84 | 58.15:41.85 |
| 23.33 | 22.85 | 23.06 | 23.03 | 22.83 | 23.05 | 23.07 | 22.71 |
| 41.98 | 42.15 | 41.87 | 41.98 | 42.03 | 41.72 | 41.43 | 41.09 |
| 41.71 | 41.39 | 41.07 | 41.01 | 41.54 | 41.46 | 41.79 | 41.66 |
| 42.17 | 42.11 | 42.05 | 42.01 | 42.01 | 41.97 | 41.99 | 42.03 |
| 42.08 | 42.11 | 42.16 | 42.21 | 42.23 | 42.29 | 42.24 | 42.20 |
| 0.95 | 0.21 | 0.49 | 0.25 | 0.15 | 0.48 | 0.00 | 0.13 |
| 0.940 | 0.939 | 0.942 | 0.944 | 0.944 | 0.941 | 0.937 | 0.928 |
| 2.767 | 2.763 | 2.762 | 2.765 | 2.768 | 2.771 | 2.771 | 2.773 |
| 3.608 | 3.606 | 3.613 | 3.622 | | | | |
| | | | | | | | |
| 0.185 | 0.191 | 0.189 | 0.183 | 0.181 | 0.181 | 0.184 | 0.192 |
| 0.188 | 0.195 | 0.192 | 0.198 | 0.196 | 0.197 | 0.198 | 0.201 |
| 0.079 | 0.081 | 0.090 | 0.087 | 0.077 | 0.084 | 0.082 | 0.086 |
| 0.081 | 0.083 | 0.082 | 0.085 | 0.087 | 0.086 | 0.088 | 0.087 |

| | | | | | | | |
|-------------------|-------|-------|-------|--|--|--|--|
| 34.05 | 34.00 | 34.07 | 34.04 | | | | |
| 41.01 | 40.99 | 40.99 | 41.01 | | | | |
| Extra Facet / Nat | No | | | | | | |
| Girdle to MIC, mm | 0.001 | | | | | | |



| Paint / Dug | Avg | Max | Type |
|-------------------|-----------------|-------|-----------|
| Crown, ° | -0.53 | -1.16 | Classical |
| Crown, notches | 0.1, Very small | 0.3 | |
| Pavilion, ° | -0.05 | -0.24 | |
| Pavilion, notches | 0.0, Absent | 0.1 | |

Appraiser title AGS_2005
 Overall cut quality 0
 Overall symmetry quality IDEAL

| | |
|--------------|---------------|
| Symmetry | GIA-Excellent |
| Polish | GIA-Excellent |
| Color | E |
| Clarity | VVS1 |
| Fluorescence | Faint |