

# Paystreak AI Visible Gold Analysis

Sample: Untitled sample

Processed: 2026-07-17T23:00:39+00:00

Sensitivity: 5

Calibration: 159.99439542817305 microns/pixel

Scale source: pan\_inner\_flat\_14in (87% confidence)

| Metric               | Value       |
|----------------------|-------------|
| Particle count       | 12          |
| Accepted             | 6           |
| Review               | 6           |
| Rejected             | 0           |
| Estimated total gold | 196.7239 mg |

## Tyler Mesh Distribution

| Tyler mesh         | Count | Mass [mg] | Mass [%] |
|--------------------|-------|-----------|----------|
| 10 mesh or greater | 6     | 194.7280  | 99.0%    |
| 30 mesh            | 4     | 1.8971    | 1.0%     |
| 50 mesh            | 1     | 0.0593    | 0.0%     |
| 100 mesh           | 1     | 0.0395    | 0.0%     |
| sub 200            | 0     | 0.0000    | 0.0%     |

## Detection Overlay



## Particle Review

| ID | Decision | Conf. | Feret um | Mesh               | Mass mg  | Reason                                     |
|----|----------|-------|----------|--------------------|----------|--------------------------------------------|
| 5  | accept   | 1.00  | 11985    | 10 mesh or greater | 134.5780 | strong gold color and shape evidence       |
| 9  | accept   | 1.00  | 4544     | 10 mesh or greater | 26.3326  | strong gold color and shape evidence       |
| 2  | accept   | 1.00  | 5447     | 10 mesh or greater | 18.0327  | strong gold color and shape evidence       |
| 16 | review   | 0.95  | 4320     | 10 mesh or greater | 10.2761  | low saturation                             |
| 18 | review   | 0.95  | 2240     | 10 mesh or greater | 3.2360   | low saturation                             |
| 10 | accept   | 1.00  | 3027     | 10 mesh or greater | 2.2726   | strong gold color and shape evidence       |
| 4  | accept   | 1.00  | 960      | 30 mesh            | 0.9486   | strong gold color and shape evidence       |
| 11 | review   | 0.95  | 800      | 30 mesh            | 0.3952   | low saturation                             |
| 1  | review   | 0.95  | 640      | 30 mesh            | 0.3162   | low saturation                             |
| 8  | review   | 0.95  | 960      | 30 mesh            | 0.2371   | low saturation                             |
| 3  | review   | 0.86  | 160      | 100 mesh           | 0.0395   | fragmented or porous outline; too elongate |
| 13 | accept   | 1.00  | 320      | 50 mesh            | 0.0593   | strong gold color and shape evidence       |