

Paystreak AI Visible Gold Analysis

Sample: Slate Ridge Mine — DAILY-SLATE-LIVE-01

Processed: 2026-07-14T23:15:15+00:00

Sensitivity: 5

Calibration: 166.8126064852792 microns/pixel

Scale source: pan_inner_flat_14in (90% confidence)

Metric	Value
Particle count	81
Accepted	3
Review	78
Rejected	0
Estimated total gold	6763.3603 mg

Tyler Mesh Distribution

Tyler mesh	Count	Mass [mg]	Mass [%]
10 mesh or greater	6	6745.7021	99.7%
30 mesh	21	12.2931	0.2%
50 mesh	29	4.2696	0.1%
100 mesh	25	1.0956	0.0%
sub 200	0	0.0000	0.0%

Detection Overlay



Particle Review

ID	Decision	Conf.	Feret um	Mesh	Mass mg	Reason
108	review	0.92	63864	10 mesh or greater	4237.3277	fragmented or porous outline
149	accept	1.00	67327	10 mesh or greater	1862.2760	strong gold color and shape evidence
136	accept	1.00	39201	10 mesh or greater	633.3435	strong gold color and shape evidence
137	review	0.95	4337	10 mesh or greater	7.6261	low saturation
146	review	0.95	3503	10 mesh or greater	2.7658	low saturation
151	review	0.87	2288	10 mesh or greater	2.3630	fragmented or porous outline; low saturati
41	review	0.95	1168	30 mesh	1.8528	low saturation
67	review	0.95	1668	30 mesh	1.2621	low saturation
62	review	0.87	1952	30 mesh	1.1547	fragmented or porous outline; low saturati
14	review	0.95	1572	30 mesh	0.8324	low saturation
125	review	0.87	1456	30 mesh	0.7519	fragmented or porous outline; low saturati
129	review	0.95	1001	30 mesh	0.7519	low saturation
145	review	0.95	667	30 mesh	0.5585	low saturation
42	review	0.95	1001	30 mesh	0.6445	low saturation
2	accept	1.00	834	30 mesh	0.4941	strong gold color and shape evidence
144	review	0.95	667	30 mesh	0.4726	low saturation
4	review	0.95	833	30 mesh	0.4296	low saturation
123	review	0.87	1001	30 mesh	0.5371	fragmented or porous outline; low saturati
38	review	0.95	590	50 mesh	0.4082	low saturation
9	review	0.95	1011	30 mesh	0.4565	low saturation
66	review	0.95	667	30 mesh	0.3652	low saturation
116	review	0.95	844	30 mesh	0.3652	low saturation
44	review	0.95	500	50 mesh	0.3437	low saturation
95	review	0.95	821	30 mesh	0.3437	low saturation
73	review	0.95	667	30 mesh	0.2578	low saturation