



Mesh vs. Micron Comparison Chart

Mesh	Microns	Inches	Millimeters	Netafim Disk Ring Color	Object
3	6730	0.2650	6.730		
4	4750	0.1875	4.750		Gravel starts at 4.75 mm
5	4000	0.1570	4.000		
6	3360	0.1320	3.360		
7	2830	0.1110	2.830		
8	2380	0.0937	2.380		
10	2000	0.0787	2.000		
12	1680	0.0661	1.680		
14	1410	0.0555	1.410		
16	1190	0.0469	1.190		Eye of a Needle = 1,230 microns
18	1000	0.0394	1.000		
20	841	0.0331	0.841		
25	707	0.0280	0.707		
28	700	0.0280	0.700		
30	595	0.0232	0.595		
35	500	0.0197	0.500		
40	420	0.0165	0.420	Blue	
45	354	0.0138	0.354		
50	297	0.0117	0.297		Fine Sand
60	250	0.0098	0.250		
70	210	0.0083	0.210		
80	177	0.0070	0.177	Yellow	
100	149	0.0059	0.149		
120	125	0.0049	0.125	Red	
140	105	0.0041	0.105	Black	
	100	0.00394	0.100		Beach Sand (100 - 2,000 microns)
170	88	0.0035	0.088		Portland Cement
200	74	0.0029	0.074		Average Human Hair (70 - 100) / Grain of Salt
	70	0.00276	0.070	Brown	
230	63	0.0024	0.063		
	55	0.00217	0.055	Green	
270	53	0.0021	0.053		
	50	0.00197	0.500		Remove Visible Particles from Liquid
325	44	0.0017	0.044		Silk (10 - 75)
	40	0.00157	0.040	Purple	Lower Limit of Visibility (Naked Eye)
400	37	0.0015	0.037		Plant Pollen
(550)*	25	0.00099	0.025		White Blood Cells / Level to Achieve 'Optical Clarity' in a Liquid
(625)	20	0.00079	0.020	Gray	
(1200)	12	0.0005	0.012		
(1250)	10	0.000394	0.010		Talcum Powder / Level to Remove Haze from Liquid / Fertilizer (10 - 1,000 microns) / Mold Spores (10 - 30 microns)
	7	0.000276	0.007		Red Blood Cells (8 - 12 microns)
(2500)	5	0.000197	0.005		Bacteria (0.5 - 20 microns)
(4800)	3	0.000118	0.003		
(5000)	2.5	0.000099	0.0025		Cigarette Smoke & Bacteria (Cocci) = 2 microns
(12000)	1	0.0000394	0.001		Cryptosporidium (1 - 10 microns)

* Mesh numbers in parentheses are too small to exist as actual screen sizes. They are only estimations and are included for reference.

What does mesh size mean? Determining mesh is very simple. Simply count how many openings there are in one inch of screen. The number of openings is the mesh size. An 80-mesh screen means there are 80 openings across one linear inch of screen. A 140-mesh screen has 140 openings, and so on. Therefore, as the mesh number increases, the size of the openings decreases. Note - Mesh size is not a precise measurement of particle size because of the size of the wire used in the screen. Beyond 400 mesh, particle size is normally defined only in "microns." That is because the finer the weave, the closer the wires get together, eventually there is no space between them.

What do the minus (-) and plus (+) plus signs mean when describing mesh sizes and particle distribution tests? To characterize particle size by mesh designation:

- A "+" before the mesh indicates the particles are retained by the sieve.
- A "-" before the mesh indicates the particles pass through the sieve, and
- Typically, 90%+ of the particles will lie within the indicated range.

For example, if the particle size of a material is described as -10 / +30 mesh, then 90% or more of the material will pass through a 10-mesh sieve (particles smaller than 2.0 mm) but will be retained by a 30-mesh sieve (particles larger than 0.595 mm). If the material is described as -30 mesh, then 90% or more of the material will pass through a 30-mesh sieve (particles smaller than 0.595 mm).

1986

PLACER GOLD RECOVERY METHODS

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though they can be less than totally objective. The advice of respected experts can aid in solving problems and making good decisions. Retired miners, libraries, and equipment manufacturers are all good sources of information.

Ideally, most of the research and problem solving should be completed before the equipment is obtained. A systematic approach to gold recovery will reduce the difficulties involved

in designing an efficient recovery system. The following section provides information on the equipment and methods used to recover gold in three different types of operation. It is hoped that these examples will be informative and illustrate the effective use of certain types of recovery equipment. A list of vendors and manufacturers is also provided.

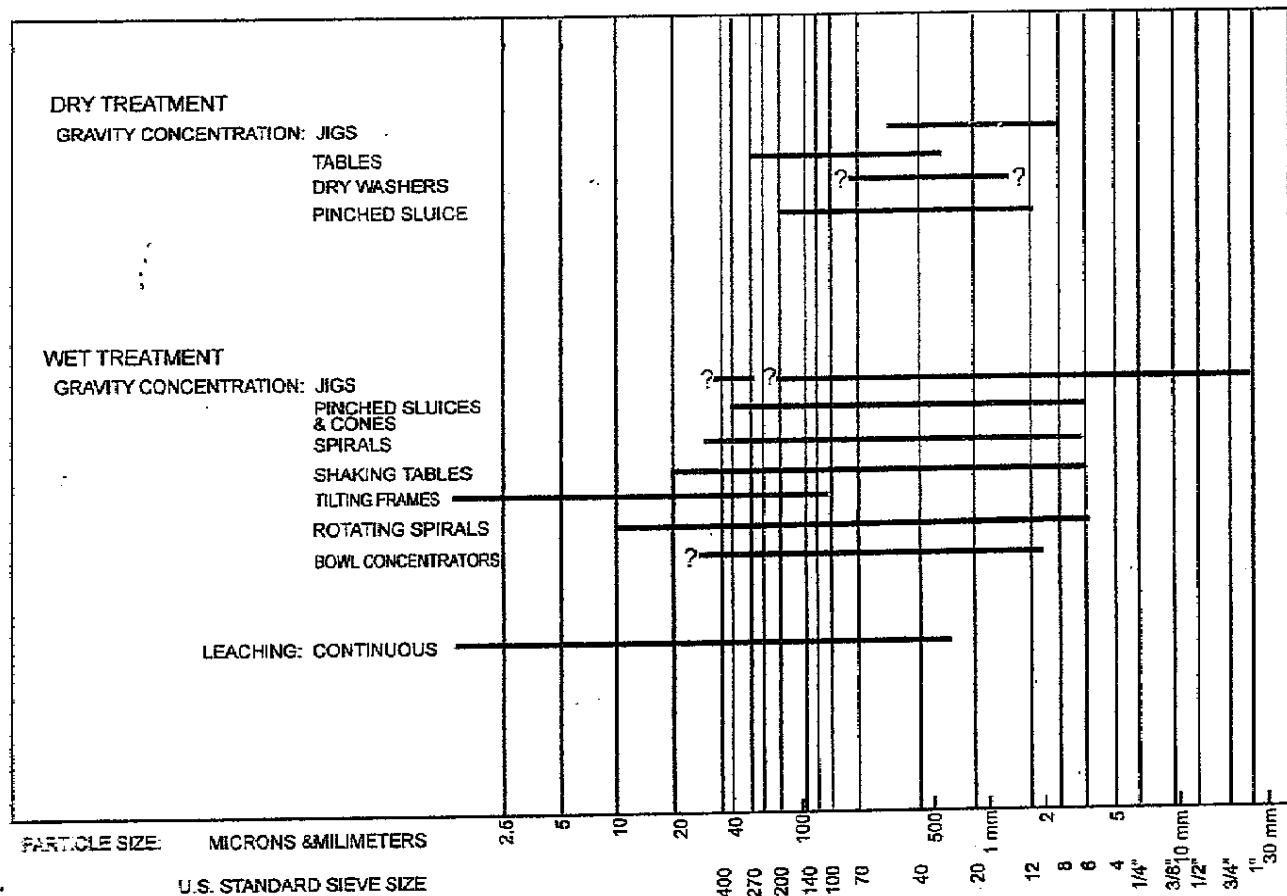


Table 1. Range of particle sizes effectively treated by various types of separation equipment. Modified from Mildren, 1980.

OPERATING MINES

Hammonton Dredge

The Hammonton Dredge, officially the reconstructed Yuba Dredge #11, is operated by the Yuba-Placer Gold Company, Marysville, and owned jointly by Placer Services and Yuba Natural Resources. The operation is located in the old Hammonton dredge field, approximately 10 miles east of Marysville near the town of Hammonton (Photo 12). The

dredge is designed to excavate material 140 feet below the surface of the water; it is the deepest digging gold dredge in the western hemisphere. The area to be dredged was mined from 1912 to 1925 to depths of 50 to 60 feet. Before mining, the old tailings are stripped to water level (equivalent to depths of about 30 feet). This allows the dredge to excavate over 100

ATTACHMENT 36

Sample Data - Prospector's Paradise

Sample #	Size (loose yrdg)	% -1/2" mesh	Size -1/2" yds	Depth to bdrk	Actual Au rec'd grams	Est. % EFF	Pot'l Au grams	Est. Au value gram/yd HO	Est Au value grm/yd -1/2"	-1/2" Au value loose ydg @1500 spot 90% purity	IN-SITU volume represented by sample Cu yds (est)	Loose ydg Cu yds (est)	Value Au @ 1500 spot, 90% purity sample area (1000)
1	10	45	4.5	8	9.0	80	11.25	1.12	2.49	108.1	8,890	9,960	484.2
2	3	45	1.35	15	1.37	80	1.71	.57	1.27	55.1	13,330	14,930	369.4
3	1 1/2	65	1	5	.139	80	.174	.116	.174	7.5			
4	1 1/2	45	.65	12	.041	80	.051	.034	.078	3.4			
5	2	20	.4	7	.027	80	.034	.017	.085	3.7			
6	2 1/2	45	1.35	10	.051	80	.063	.25	.047	2.0			
7	3	50	1.5	12	1.242	95	1.32	.44	.88	38.2	10,000	11,200	213.9
8	3	40	1.2	10	.012	80	.015	.005	.013	.6			
9	1 1/2	60	.9	25	.03	80	.038	.026	.042	1.8			
10	1 1/2	80	1.2	35	.02	80	.025	.017	.021	.9			
11	1/80	50	1/160	40	.004	95	.004	.320	.64	27.8	6,670	7,470	103.8
12	1/150	40	1/375	2	.045	95	.048	7.20	18.0	781.4	1,780	1,990	622.0
13	1 1/2	50	.75	12	.03	90	.033	.020	.040	1.7			
14	4	50	2.0	22	.02	90	.027	.005	.010	.4			
15	4	50	2.0	12	.005	90	.005	.001	.002	.08			
16	5	50	2.0	4	.89	80	1.12	.23	.46	20.0	1,780	2,130	42.6

May, 2013

Black sand analysis**Southeast wash****3 samples CN leach, 22hrs, 60 RPM agitation, 85° F, 2.4 Liq- ore ratio,****10.5 ph, .18% CN solution, Jig cons = 30:1 con****Sample 1 1.52 opt Au - jig cons****Sample 2 1.81 opt Au - jig cons****Sample 3 1.68 opt Au - jig cons average 1.67 opt Au - HO****Yardage = 200 L x 40W x 2D = 16,000 yds = 26,720/ 30 ounces = 891 ounces**

Summary - total gold reserves

as of may, 2013

Total free gold-

Main wash and western lower bench - - -

Proven 1,050

Probable 410

Inferred 155

Southeast wash - - -

Proven 32

Probable 80

Inferred 40

Total micron - black sand gold-

Main wash and western lower bench - - -

Proven 2250

Probable 1670

Inferred 640

Southeast wash - - -

Proven 400

Probable 350

Inferred 1410

Total gold reserves-

Proven 3732

Probable 2510

Inferred 2245

In US case law (the results of previous court cases that set a precedent to interpret US law), the courts have decided that it is illegal to file a placer over a lode or a lode over a placer unless one has the permission of the owner of the valid claim. Therefore, you cannot legally file a lode claim to prospect on someone else's placer claim. Similarly, you cannot (without permission) enter onto a lode claim and stake a placer claim to mine the placer material on that claim (*Clipper Mining v. Eli Mining and Land Co.*).



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Run Date: 05/13/2013
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UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
MINING CLAIM GEOGRAPHIC REPORT
LIST OF MINING CLAIMS BY SECTION

Serial Num	Mer Twin Ring Sec Quad	Claim Name/Number	Claimant(s)	Lead File	Case Type	Status	Loc Dt	Last Assmt
AMC350993	14 0090N 0040W 008 NE	REC #2	TENDER MARTHA	AMC350993	384201	ACTIVE	10/27/1998	2 0 1 3
AMC350993	14 0090N 0040W 008 NE	REC #2	HEGEDUS ALEX	AMC350993	384201	ACTIVE	10/27/1998	2 0 1 3
AMC350993	14 0090N 0040W 008 NE	REC #2	HILL JACK	AMC350993	384201	ACTIVE	10/27/1998	2 0 1 3
AMC350993	14 0090N 0040W 008 NE	REC #2	JACOBS DANIEL C	AMC350993	384201	ACTIVE	10/27/1998	2 0 1 3
AMC350993	14 0090N 0040W 008 NE	REC #2	JONES JOHN	AMC350993	384201	ACTIVE	10/27/1998	2 0 1 3
AMC350993	14 0090N 0040W 008 NE	REC #2	LSI JACKIE	AMC350993	384201	ACTIVE	10/27/1998	2 0 1 3
AMC350993	14 0090N 0040W 008 NE	REC #2	MILLER JIM	AMC350993	384201	ACTIVE	10/27/1998	2 0 1 3
AMC382769	14 0090N 0040W 008 SE	EASY MONEY	WILSON TRACY	AMC382769	384201	ACTIVE	02/08/2007	2 0 1 3
AMC396026	14 0090N 0040W 008 SE	GOLDSTAR	NORTHERN MINING GROUP LLC	AMC396026	384201	ACTIVE	01/12/2009	2 0 1 3
AMC396028	14 0090N 0040W 008 SE	PROSPECTOR SPARADISE	NORTHERN MINING GROUP LLC	AMC396028	384201	ACTIVE	02/13/2011	2 0 1 3
AMC405743	14 0090N 0040W 008 SE	FLIGHTDECK	NORTHERN MINING GROUP LLC	AMC405743	384201	ACTIVE	02/13/2011	2 0 1 3
AMC412808	14 0090N 0040W 008 NE NW	GOLDENROD #18	KIRKEMINDE WILLIAM P	AMC412808	384101	ACTIVE	10/28/2011	2 0 1 3
AMC412809	14 0090N 0040W 008 NE NW	GOLDENROD #17	RUSTIN GREG	AMC412809	384101	ACTIVE	10/28/2011	2 0 1 3
AMC412810	14 0090N 0040W 008 NE NW	GOLDENROD #16	RUSTIN GREG	AMC412810	384101	ACTIVE	10/28/2011	2 0 1 3
AMC412811	14 0090N 0040W 008 NE NW	GOLDENROD #15	RUSTIN GREG	AMC412811	384101	ACTIVE	10/28/2011	2 0 1 3
AMC412812	14 0090N 0040W 008 NE NW	GOLDENROD #14	RUSTIN GREG	AMC412812	384101	ACTIVE	10/28/2011	2 0 1 3
AMC412813	14 0090N 0040W 008 NE NW	GOLDENROD #13	RUSTIN GREG	AMC412813	384101	ACTIVE	10/28/2011	2 0 1 3
AMC412814	14 0090N 0040W 008 NE NW	GOLDENROD #12	RUSTIN GREG	AMC412814	384101	ACTIVE	10/28/2011	2 0 1 3
AMC412815	14 0090N 0040W 008 NE NW	GOLDENROD #11	RUSTIN GREG	AMC412815	384101	ACTIVE	10/28/2011	2 0 1 3
AMC414462	14 0090N 0040W 008 NE	GOLDENROD #19	RUSTIN GREG	AMC414462	384101	ACTIVE	01/25/2012	2 0 1 3
AMC414463	14 0090N 0040W 008 NE	GOLDENROD #20	RUSTIN GREG	AMC414463	384101	ACTIVE	01/25/2012	2 0 1 3
AMC414464	14 0090N 0040W 008 NE	GOLDENROD #21	RUSTIN GREG	AMC414464	384201	ACTIVE	01/25/2012	2 0 1 3
AMC414465	14 0090N 0040W 008 NE	GOLDENROD #22	RUSTIN GREG	AMC414465	384201	ACTIVE	01/25/2012	2 0 1 3
AMC420261	14 0090N 0040W 008 NW SW	GOLDEN-CARDINAL	HAUK RUDY J	AMC420261	384201	ACTIVE	11/08/2012	2 0 1 3
AMC420261	14 0090N 0040W 008 NW SW	GOLDEN-CARDINAL	MAXON RODNEY VERNON	AMC420261	384201	ACTIVE	01/19/1946	2 0 1 4
AMC88578	14 0090N 0040W 008 NW	GOLDEN-CARDINAL	ARIZONA ASSN OF MINING DIST	AMC88578	384201	ACTIVE	10/22/1937	2 0 1 4
AMC88578	14 0090N 0040W 008 NW	GOLDEN-CARDINAL	KELLEY LUCILLE	AMC88578	384201	ACTIVE	10/22/1937	2 0 1 4
AMC88579	14 0090N 0040W 008 SW	GOLDEN GLOW	ARIZONA ASSN OF MINING DIST	AMC88579	384201	ACTIVE	10/22/1937	2 0 1 4
AMC88579	14 0090N 0040W 008 SW	GOLDEN GLOW	KELLEY LUCILLE	AMC88579	384201	ACTIVE	10/22/1937	2 0 1 4

NO WARRANTY IS MADE BY BLM
FOR USE OF THE DATA FOR
PURPOSES NOT INTENDED BY BLM



**DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 MINING CLAIMS
 (MASS) Serial Register Page**

Run Date/Time: 05/31/13 09:13 AM Page

01 10-21-1976;090STAT0090;43USC1744 Case Type 384201: PLACER CLAIM Claim Name: EASY MONEY Case Dispositon: ACTIVE Required Maintenance Fee: \$280.00	Total Acres 32.300 <small>NILS-PARCEL2/map.jsp? category=BLM&casetype=384201&map=MC&adminregion=AZ&id=9146008</small>	Serial Number AMC382769 Lead File Number AMC382759
Name & Address		Int Rel
NORCHERN MINING GROUP LLC 1314 STOUT ST PRATT, KS 67124-3519		CLAIMANT

County / State	District
YAVAPAI County, AZ	PHOENIX DC

Mer Twp Rng Sec	Subdivision
14 0090N 0040W 00E	SE

Act Date	Code	Action Text	Action Remarks	Receipt Number
02/08/2007	403	LOCATION DATE		
05/03/2007	385	RECORDATION NOTICE RECD	1	1484630
07/17/2012	682	MAINTENANCE FEE/\$140	2013;\$140	2611791
07/27/2011	682	MAINTENANCE FEE/\$140	2012	2390761
08/23/2010	682	MAINTENANCE FEE/\$140	2011	2197909
08/27/2009	682	MAINTENANCE FEE/\$140	2010	1998665
08/12/2008	582	MAINTENANCE FEE/\$125	2009	1759617
08/14/2007	582	MAINTENANCE FEE/\$125	2008	1543928
05/03/2007	484	LOCATION YEAR / MAINTENAN	2007	1484630
11/16/2012	685	ACDL/CURABLE MAINT FEE	2013;\$140	2690831
01/05/2012	396	TRF OF INTEREST FILED	BROWN TAHARA	2494809
04/03/2009	396	TRF OF INTEREST FILED	STOGNER TREVA J	1899181
08/22/2007	669	LAND STATUS CHECKED		
08/14/2007	488	ASSMT DOC RECEIVED	480:2007	1543928
07/03/2007	396	TRF OF INTEREST FILED	BROWN TAHARA	1519451
07/03/2007	396	TRF OF INTEREST FILED	GORDON GERALD JR	1519451
05/03/2007	501	ACCT ADV IN LEAD FILE	AMC382759;	

Line Nr	Remarks
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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
MINING CLAIMS
(MASS) Serial Register Page

Run Date/Time: 05/31/13 09:14 AM

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01 10-21-1976;090STAT0090;43USC1744

Total Acres

Serial Number

Case Type 384201: PLACER CLAIM

40.000

AMC396026

Claim Name: GOLDSTAR

NLS-PARCEL2/map.jsp?
category=BLM&casetype=384201&map=MC&adminregion=AZ&id=9316289

Lead File Number

Case Disposition: ACTIVE

AMC396025

Required Maintenance Fee: \$280.00

Name & Address

Int Rel

NORTHERN MINING GROUP LLC
1314 STOUT ST PRATT, KS 67124-3519

CLAIMANT

County / State

District

YAVAPAI County, AZ

PHOENIX DO

Mer Twp Rng Sec

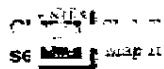
Subdivision

14 0090N 1040W 008

SE

Act Date	Code	Action Text	Action Remarks	Receipt Number
01/12/2009	433	LOCATION DATE		
01/27/2009	395	RECORDATION NOTICE RECD	1	1860501
07/17/2012	682	MAINTENANCE FEE/\$140	2013;\$140	2611791
07/27/2011	682	MAINTENANCE FEE/\$140	2012	2390761
08/23/2010	682	MAINTENANCE FEE/\$140	2011	2197909
08/27/2009	682	MAINTENANCE FEE/\$140	2010	1998665
01/27/2009	484	LOCATION YEAR / MAINTENAN	2009	1860501
11/16/2012	685	ADDL/CURABLE MAINT FEE	2013;\$140	2690831
01/05/2012	396	TRF OF INTEREST FILED	GORDON GERALD JR	2494809
01/05/2012	396	TRF OF INTEREST FILED	BROWN TAHARA	2494809
01/27/2010	669	LAND STATUS CHECKED		
01/27/2009	501	ACCT ADV IN LEAD FILE	AMC396025-AMC396033;	

Line Nr Remarks



**DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 MINING CLAIMS
 (MASS) Serial Register Page**

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Page

01 10-21-1976;090STAT0090;43USC1144
 Case Type 384201: PLACER CLAIM
 Claim Name: PROSPECTOR'S PARADISE
 Case Disposition: ACTIVE
 Required Maintenance Fee: \$280.00

Total Acres
 40.000
 Serial Number
 AMC396028
 Lead File Number
 AMC396025

Name & Address

NORTHERN MINING GROUP LLC
 1314 STOUT ST PRATT, KS 67124-3519

Int Rel
 CLAIMANT

County / State

YAVAPAI County, AZ

District

PHOENIX DO

mer iwp rng Sec

14 0090N 0040W 008

Subdivision

SE

Act Date	Code	Action Text	Action Remarks	Receipt Number
01/12/2009	403	LOCATION DATE		
01/27/2009	395	RECORDATION NOTICE RECD	1	1860501
01/17/2012	004	MAINTENANCE FEE/\$140	2012	2390761
07/27/2011	682	MAINTENANCE FEE/\$140	2011	2197909
08/23/2010	682	MAINTENANCE FEE/\$140	2010	1998665
08/27/2009	682	MAINTENANCE FEE/\$140	2009	1860501
01/27/2009	484	LOCATION YEAR / MAINTENAN		
11/16/2012	685	ADDE/CURABLE MAINY FEE	2013;\$140	2690831
01/05/2012	396	TRF OF INTEREST FILED	GORDON GERALD JR	2494809
01/05/2012	396	TRF OF INTEREST FILED	BROWN TABARA	2494809
01/27/2010	669	LAND STATUS CHECKED		
01/27/2009	501	ACCT ADV IN LEAD FILE	AMC396025-AMC396033:	

Line Nr Remarks

1st signed APRIL, 2012

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26 MARCIA

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Weight In
 JA-JC 9.930Kg SS-12
 10.55Kg 9.930Kg 9.955Kg
 Screen Size -100M Passing %
 JA-JC 61.12% JC-W 40.92% SS-12 55.64%

Date	Split Sample Kg	H2O	4L	pH Original	C-ADD	C-Amt	pH Corrected	Temp	% Solids	Mass Pull Wt	Mass pull %
5/30/2013	2			A	Na2CO3	1g	9.6	62F	33%	0.195	9.750%
				B	CaSO4	100 µL	Notes: Grind-55.64% Passing 100M				
				C	h 250	100 µL					
				D	X-523	100 µL					
				E	MIBC	50 µL					
				F	PAX	150 µL					
					Rougher	All above					
					Scavenger	20 µL (MIBC), 20 µL (PAX), 40 µL (20g), 20 µL (250),					

SS-12
1st
Float

RPM
 Time conditioning
 Time flotation

1750

3 minutes	A,B,D,E,F
8 minutes	Rough w/"C"
7 minutes	Scav C-D-E-F

SAMPLE ORIGIN	Sample Test Weight	CALC METHOD	WEIGHT In mg	Vis % Au Gold	Vis % Ag Silver	Gold Grams per Ton	Silver Grams per Ton	ton Precious Metal
Head JA-JC	29.16 G	FA/G	0.12	94%	5%	3.50808	0.22392	0.12
Tail JA-JC	29.16 G	FA/G	BDL	0%	0%	0	0	0
Head JC-W	29.16 G	FA/G	0.93	92%	8%	26.60916	2.31384	0.93
Tail JC-W	29.16 G	FA/G	BDL	0%	0%	0	0	0
Head SS-12	29.16 G	FA/G	BDL	0%	0%	0	0	0
Tail SS-12	29.16 G	FA/G	BDL	0%	0%	0	0	0

.85 opt /Au

Evaluation of 6 preliminary froth flotation tests, 2 tests of each sample were performed to calculate chemicals, the second test as viewed above is the actual recorded test. Recommendation is, upon the performance of 3 more assays of each sample by fire and ICP testing for ore composition a more accurate analysis can be determined for further evaluation of flotation chemicals. (Which will provide the information for chemicals with the highest recovery). Assays done of the head ore and tailings after float are indicated above. For a complete fire assay of a more measurable bead it is suggested a 453.59g assay be done of head and tail samples, this would in fact give a much better representation of expected values and any loss to be expected in the tailings. The JC-W ore at this time seems to be the only ore to produce significant value even though JA-JC was a finer percentage of AU purify. All samples of concentrate were bagged for return to customer.

Geosource - Screen, Flotation, and Assay analysis

Screen Size -100M Passing %

Weight in
 JA-1C JC-W SS-12
 10.55Kg 9.930Kg 9.955Kg

JA-1C JC-W SS-12
 61.12% 40.92% 55.64%

Date	Spill Sample Kg	H2O	pH Original	C-ADD	C-Amt	pH Corrected	Temp	% Solids	Mass Pull Wt	Mass Pull %
5/30/2013	2	4L	A	Na2CO3	1g	9.6	62F	33%	0.036	1.800%
			B	CUSO4	75 µL					
			C	Zpts/Tenafrot h 250	50 µL					
			D	X-523	50 µL					
			E	MIBC	25 µL					
			F	PAX	75 µL					
				Rougher	All above					
				Scavenger	25 µL (MIBC), 25 µL (PAX), 25 µL (Z08), 25 µL (Z50),					

Weight in

Screen Size -100M Passing %

JA-1C JC-W SS-12
 10.55Kg 9.930Kg 9.955Kg

JA-1C JC-W SS-12
 61.12% 40.92% 55.64%

Date	Spill Sample Kg	H2O	pH Original	C-ADD	C-Amt	pH Corrected	Temp	% Solids	Mass Pull Wt	Mass Pull %
5/30/2013	2	4L	A	Na2CO3	1g	9.6	62F	33%	0.074	3.700%
			B	CUSO4	100 µL					
			C	Zpts/Tenafrot h 250	100 µL					
			D	X-523	100 µL					
			E	MIBC	50 µL					
			F	PAX	150 µL					
				Rougher	All above					
				Scavenger	20 µL (MIBC), 20 µL (PAX), 40 µL (Z08), 20 µL (Z50),					

RPM
 Time conditioning
 Time flotation

1800
 20 minutes A,B,D,F
 5 minutes Rough w/"C,E"
 3 minutes Scav. C-D-E-F

RPM
 Time conditioning
 Time flotation

1750
 5 minutes A,B,D,E,F
 5 minutes Rough w/"C"
 3 minutes Scav. C-D-E-F

JA-1C
1st
Float

JC-W
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Float

Prospectors Paradise

June, 2013

Property Summary

The mining property consists of 3 unpatented mining claims (112) acres and a private land lease (60 acres). The property is near Stanton, Arizona and situated on the southeastern side of Weaver Mountain.

The property contains placer gold as follows:

1- in a large dry wash that travels north-south for over 3,000 feet through the eastern portion of the property.

2- in a small dry wash that is in the south east corner of the property.

The bedrock is shallow and contains many potholes and possible "glory holes". Bulk testing and actual placer production has yielded coarse and fine free gold and also micron gold in the black sand concentrates. The free gold is currently being mined with a recovery value of .4 grams per yard and a gold purity of 94%. The micron gold in the concentrates is estimated to be 2.0 grams per yard and can either be processed in-house or possibly sold as a concentrate. The property has water from a shallow well, is year around mineable and secure (behind a locked gate). The current turn-key operation is running 35 yards per hour with increased production possible through expansion or changes to the recovery circuit.

Current estimated gold reserves total 8,500 ounces. The property has been 70% tested and additional testing will add to the reserves.

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Projected Monthly P & L

(35 yards per hour, 9 hours per day, 25 days per month, spot = \$1,400, 94% purity)

Income- Free gold recovered (wet gravity circuit, .4 grams per yard)	133,000
Concentrates- Sale or process @ 25% net of 2.0 grams per yard	177,000
(lower % - Sold out right / higher % - processed)	
Total Income	310,000

Expenses-

Actual operating expenses at levels shown above	35,000
Depreciation / depletion	10,000
Exploration and lab testing	4,000
Insurance, safety, security	2,000
Legal, accounting, licenses, professional	5,000
Management, travel, lodging, services	2,000
Royalty payment (applicable average)	
Total Expenses	70,000

Total Profit 310,000-70,000 = 240,000