



CONTACT INFORMATION  
Mining Records Curator  
Arizona Geological Survey  
3550 N. Central Ave, 2nd floor  
Phoenix, AZ, 85012  
602-771-1601  
<http://www.azgs.az.gov>  
[inquiries@azgs.az.gov](mailto:inquiries@azgs.az.gov)

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ESTABLISHED 1880

1435 SOUTH 10TH AVENUE



# JACOBS ASSAY OFFICE

REGISTERED ASSAYERS

PHONE 622-0813

1435 SOUTH 10TH AVE.

TUCSON, ARIZONA 85713

Ia Paz Mining  
1882 West Grant Rd. Suite 110-4  
Tucson, Arizona 85745

7/2/85

7/2/85 Amalgamations.....(9).....\$45.00 ea....\$405.00

*Paid  
Hassayampa  
Place*

LA PAZ MINING

JACOBS ASSAY OFFICE  
1435 So. 10th Avenue  
Tucson, Arizona 85713  
602-622-0813

~~JULY 2 1985~~  
PRELIMINARY TESTS

SAMPLE NO. H-2-2-1 as received.  
 Weight as received 165 grams lbs; Size, all minus 3/32 inches  
 HEAD ASSAY: Gold XXX oz/T, Silver XXX oz/T  
 GOLD/200 grams XXX mg; SILVER/200 grams XXX

AMALGAMATION  
200 grams - 100 Mesh

800 cc water  
 40 grams mercury  
 1 gram sodium hydroxide  
 Agitate 3 hours

AMALGAM      TAILS

GOLD oz/T XXXXXXXX      0.014  
 SILVER oz/T XXXXXXXX      0.15  
 TOTAL mg Gold 10.91      0.079  
 TOTAL mg silver N/A      N/A

Percent recovery  
 gold = 99.77  
 silver = N/A

165 grams "washed" 4 hours  
 with dilute nitric acid  
 165 grams "agitated" 8 hours  
 with 33 grams Hg & NaOH

Gold recovered before amalgamation 23.28 mg  
 Gold recovered after 10.91  
 Gold calculated in tails 0.079  
34.169 mg.

CYANIDATION  
200 grams - 100 Mesh

800 cc water  
 2 grams sodium cyanide  
 1,2 grams lime  
 Agitate 24 hours

SOLUTION      TAILS

Free sodium cyanide  
 lb/Ton Solution = \_\_\_\_\_  
 Ore = \_\_\_\_\_

Lime lb/Ton  
 Solution = \_\_\_\_\_  
 Ore = \_\_\_\_\_

Percent recovery  
 gold = \_\_\_\_\_  
 silver = \_\_\_\_\_

PH \_\_\_\_\_

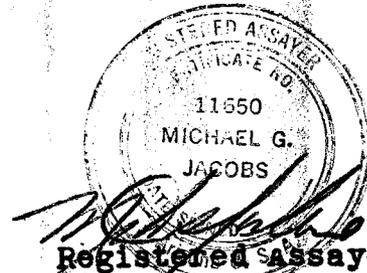
METALLICS  
200 grams - 100 Mesh

10 minute screening  
 time

Iron mg

METALLICS      PULP

Wt. g \_\_\_\_\_  
 Oz/T gold \_\_\_\_\_  
 Oz/T silver \_\_\_\_\_  
 Wt. Gold mg \_\_\_\_\_      Wt. Gold mg \_\_\_\_\_  
 Wt. silver mg \_\_\_\_\_      Wt. silver mg \_\_\_\_\_



JULY 2, 1985  
 PRELIMINARY TESTS

SAMPLE NO. H-2-1-2 as received.  
 Weight as received 160 grams XXX; Size, all minus 3/8 inches  
 HEAD ASSAY: Gold XXX oz/T, Silver XXX oz/T  
 GOLD/200 grams XXX mg; SILVER/200 grams XXX

**AMALGAMATION**  
 200 grams - 100 Mesh

800 cc water  
 40 grams mercury  
 1 gram sodium hydroxide  
 Agitate 3 hours

AMALGAM      TAILS

GOLD oz/T XXXXXXXX      0.170  
 SILVER oz/T XXXXXXXX      0.20  
 TOTAL mg Gold 48.55      0.933  
 TOTAL mg silver N/A      1.10

Percent recovery  
 gold = 98.11  
 silver = N/A

160 grams "washed" 4 hours  
 with dilute nitric acid  
 160 grams "agitated" 8 hours  
 with 32 grams Hg & NaOH

**CYANIDATION**  
 200 grams - 100 Mesh

800 cc water  
 2 grams sodium cyanide  
 1,2 grams lime  
 Agitate 24 hours

SOLUTION      TAILS

Free sodium cyanide  
 lb/Ton Solution = \_\_\_\_\_  
 Ore = \_\_\_\_\_  
 Lime lb/Ton  
 Solution = \_\_\_\_\_  
 Ore = \_\_\_\_\_  
 Percent recovery  
 gold = \_\_\_\_\_  
 silver = \_\_\_\_\_

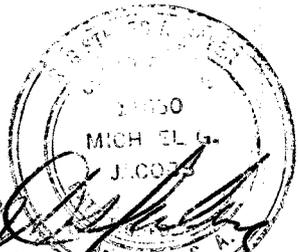
pH \_\_\_\_\_

**METALLICS**  
 200 grams - 100 Mesh

10 minute screening  
 time

METALLICS      PULP

Wt. g \_\_\_\_\_  
 Oz/T gold \_\_\_\_\_  
 Oz/T silver \_\_\_\_\_  
 Wt. Gold mg \_\_\_\_\_      Wt. Gold mg \_\_\_\_\_  
 Wt. silver mg \_\_\_\_\_      Wt. silver mg \_\_\_\_\_

  
 Registered Assayer  
 Michael G. Jacobs

JACOBS ASSAY OFFICE  
 1435 So. 10<sup>th</sup> Avenue  
 Tucson, Arizona 85713  
 602-622-0813

LA PAZ MINING

JULY 2, 1985  
 PRELIMINARY TESTS

SAMPLE NO. ~~H-2-1-3~~ \_\_\_\_\_ as received.  
 Weight as received ~~189 grams~~ \_\_\_\_\_ lbs; Size, all minus 3/8 inches  
 HEAD ASSAY: Gold ~~XXX~~ \_\_\_\_\_ oz/T, Silver ~~XXX~~ \_\_\_\_\_ oz/T  
 GOLD/200 grams ~~XXX~~ \_\_\_\_\_ mg; SILVER/200 grams ~~XXX~~ \_\_\_\_\_

**AMALGAMATION**  
 200 grams - 100 Mesh

800 cc water  
 40 grams mercury  
 1 gram sodium hydroxide  
 Agitate 3 hours

	↓	↓
	AMALGAM	TAILS
GOLD oz/T	<u>XXXXXXXX</u>	<u>0.036</u>
SILVER oz/T	<u>XXXXXXXX</u>	<u>0.20</u>
TOTAL mg Gold	<u>11.81</u>	<u>0.233</u>
TOTAL mg silver	<u>N/A</u>	<u>1.30</u>

Percent recovery  
 gold = 98.35  
 silver = N/A

189 grams "washed" 4 hours  
 with dilute nitric acid  
 189 grams "agitated" 8 hours  
 with 38 grams Hg & NaOH

Gold recovered before amalgamation 2.11 Mg  
 Gold recovered after " 11.81  
 Gold calculated in tails 0.233  
14.153

**CYANIDATION**  
 200 grams - 100 Mesh

800 cc water  
 2 grams sodium cyanide  
 1.2 grams lime  
 Agitate 24 hours

	↓	↓
	SOLUTION	TAILS
	_____	_____
	_____	_____
	_____	_____

Free sodium cyanide  
 lb/Ton Solution = \_\_\_\_\_  
 Ore = \_\_\_\_\_  
 Lime lb/Ton  
 Solution = \_\_\_\_\_  
 Ore = \_\_\_\_\_

Percent recovery  
 gold = \_\_\_\_\_  
 silver = \_\_\_\_\_

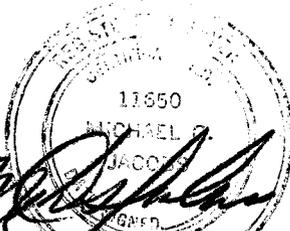
PH \_\_\_\_\_

**METALLICS**  
 200 grams - 100 Mesh

10 minute screening  
 time

→ Iron \_\_\_\_\_ mg

	↓	↓
	METALLICS	PULP
Wt. g	_____	_____
Oz/T gold	_____	_____
Oz/T silver	_____	_____
Wt. Gold mg	_____	Wt. Gold mg _____
Wt. silver mg	_____	Wt. silver mg _____

  
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602-622-0813

JULY 2, 1985

PRELIMINARY TESTS

SAMPLE NO. classifier H-2-1-1-2-1 as received.  
 Weight as received 233 grams; Size, all minus 3/8 inches  
 HEAD ASSAY: Gold XXX oz/T, Silver XXX oz/T  
 GOLD/200 grams XXX mg; SILVER/200 grams XXX

AMALGAMATION

200 grams - 100 Mesh

800 cc water  
40 grams mercury  
1 gram sodium hydroxide  
Agitate 3 hours

AMALGAM

TAILS

GOLD oz/T XXXXXXX

0.236

SILVER oz/T XXXXXXX

0.25

TOTAL mg Gold 107.37

1.89

TOTAL mg silver N/A

2.00

Percent recovery

gold = 98.80

silver = N/A

233 grams "washed" 4 hours  
with dilute nitric acid.

233 grams "agitated" 8 hours  
with 47 grams Hg & NaOH

Gold recovered before amalgamation 48.70 Mg.

Gold recovered after "107.37

Gold calculated in tails 1.89

157.96

CYANIDATION

200 grams - 100 Mesh

800 cc water  
2 grams sodium cyanide  
1,2 grams lime  
Agitate 24 hours

SOLUTION

TAILS

Free sodium cyanide  
lb/Ton Solution = \_\_\_\_\_

Ore = \_\_\_\_\_

Lime lb/Ton  
Solution = \_\_\_\_\_

Ore = \_\_\_\_\_

Percent recovery

gold = \_\_\_\_\_

silver = \_\_\_\_\_

pH \_\_\_\_\_

METALLICS

200 grams - 100 Mesh

10 minute screening  
time

Iron  
mg

METALLICS

PULP

Wt. g \_\_\_\_\_

Oz/T gold \_\_\_\_\_

Oz/T silver \_\_\_\_\_

Wt. Gold mg \_\_\_\_\_

Wt. silver mg \_\_\_\_\_

Wt. Gold mg \_\_\_\_\_

Wt. silver mg \_\_\_\_\_

Wt. Gold mg \_\_\_\_\_

Wt. silver mg \_\_\_\_\_

Wt. silver mg \_\_\_\_\_

Wt. silver mg \_\_\_\_\_

REGISTERED ASSAYER  
MICHAEL G. JACOBS  
11650  
Registered Assayer  
Michael G. Jacobs

JULY 2, 1985  
 PRELIMINARY TESTS

SAMPLE NO. H-1-2-3 as received.  
 Weight as received 218 grams Size, all minus 3/8 inches  
 HEAD ASSAY: Gold XXX oz/T, Silver XXX oz/T  
 GOLD/200 grams XXX mg; SILVER/200 grams XXX

**AMALGAMATION**  
 200 grams - 100 Mesh

800 cc water  
 40 grams mercury  
 1 gram sodium hydroxide  
 Agitate 3 hours

AMALGAM      TAILS

GOLD oz/T XXXXXXXX      0.002  
 SILVER oz/T XXXXXXXX      0.20  
 TOTAL mg Gold 3.92      0.015  
 TOTAL mg silver N/A      1.49

Percent recovery  
 gold = 99.62  
 silver = N/A

218 grams "washed" 4 hours  
 with dilute nitric acid  
 218 grams "agitated" 8 hours  
 with 44 grams Hg & NaOH

**CYANIDATION**  
 200 grams - 100 Mesh

800 cc water  
 2 grams sodium cyanide  
 1,2 grams lime  
 Agitate 24 hours

SOLUTION      TAILS

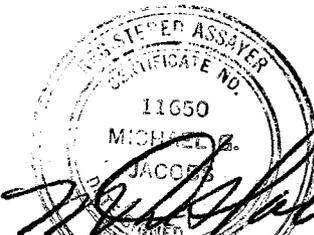
Free sodium cyanide  
 lb/Ton Solution = \_\_\_\_\_  
 Ore = \_\_\_\_\_  
 Lime lb/Ton  
 Solution = \_\_\_\_\_  
 Ore = \_\_\_\_\_  
 Percent recovery  
 gold = \_\_\_\_\_  
 silver = \_\_\_\_\_  
 PH \_\_\_\_\_

**METALLICS**  
 200 grams - 100 Mesh

10 minute screening  
 time

METALLICS      PULP

Wt. g \_\_\_\_\_  
 Oz/T gold \_\_\_\_\_  
 Oz/T silver \_\_\_\_\_  
 Wt. Gold mg \_\_\_\_\_  
 Wt. Gold mg \_\_\_\_\_  
 Wt. silver mg \_\_\_\_\_  
 Wt. silver mg \_\_\_\_\_

  
 Registered Assayer  
 Michael G. Jacobs

JACOBS ASSAY OFFICE  
 1435 So. 10<sup>th</sup> Avenue  
 Tucson, Arizona 85713  
 602-622-0813

LA PAZ MINING

JULY 2, 1985

PRELIMINARY TESTS

SAMPLE NO. 11-2-3-2 as received.  
 Weight as received 166 grams lbs; Size, all minus 3/8 inches  
 HEAD ASSAY: Gold XXXX oz/T, Silver XXX oz/T  
 GOLD/200 grams XXXX mg; SILVER/200 grams XXX

AMALGAMATION  
 200 grams - 100 Mesh

800 cc water  
 40 grams mercury  
 1 gram sodium hydroxide  
 Agitate 3 hours

AMALGAM      TAILS

GOLD oz/T XXXXXXXX      0.390  
 SILVER oz/T XXXXXXXX      0.10  
 TOTAL mg Gold 14.90      2.219  
 TOTAL mg silver N/A      0.57

Percent recovery  
 gold = 97.04  
 silver = N/A

166 grams "washed" 4 hours  
 with dilute nitric acid  
 166 grams "agitated" 8 hours  
 with 34 grams Hg & NaOH

CYANIDATION  
 200 grams - 100 Mesh

800 cc water  
 2 grams sodium cyanide  
 1.2 grams lime  
 Agitate 24 hours

SOLUTION      TAILS

Free sodium cyanide  
 lb/Ton Solution = \_\_\_\_\_  
 Ore = \_\_\_\_\_  
 Lime lb/Ton  
 Solution = \_\_\_\_\_  
 Ore = \_\_\_\_\_  
 Percent recovery  
 gold = \_\_\_\_\_  
 silver = \_\_\_\_\_

PH \_\_\_\_\_

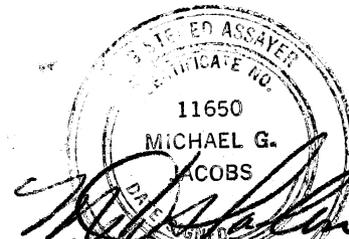
METALLICS  
 200 grams - 100 Mesh

10 minute screening  
 time

Iron mg

METALLICS      PULP

Wt. g \_\_\_\_\_  
 Oz/T gold \_\_\_\_\_  
 Oz/T silver \_\_\_\_\_  
 Wt. Gold mg \_\_\_\_\_      Wt. Gold mg \_\_\_\_\_  
 Wt. silver mg \_\_\_\_\_      Wt. silver mg \_\_\_\_\_



Registered Assayer  
 Michael G. Jacobs

LA PAZ MINING

JACOBS ASSAY OFFICE  
1435 So. 10<sup>th</sup> Avenue  
Tucson, Arizona 85713  
602-622-0813

JULY 2, 1985

PRELIMINARY TESTS

SAMPLE NO. H-2-3-1 as received.  
 Weight as received 278 grams XXX; Size, all minus 3/8 inches  
 HEAD ASSAY: Gold XXX oz/T, Silver XXX oz/T  
 GOLD/200 grams XXX mg; SILVER/200 grams XXX

AMALGAMATION  
200 grams - 100 Mesh

800 cc water  
 40 grams mercury  
 1 gram sodium hydroxide  
 Agitate 3 hours

AMALGAM      TAILS

GOLD oz/T XXXXXXX      0.250  
 SILVER oz/T XXXXXXX      0.15  
 TOTAL mg Gold 29.84      2.383  
 TOTAL mg silver N/A      1.43

Percent recovery  
 gold = 94.56  
 silver = N/A

278 grams "washed" 4 hours  
 with dilute nitric acid  
 278 grams "agitated" 8 hours  
 with 56 grams Hg & NaOH

Gold recovered before amalgamation 11.57 Mg.  
 Gold recovered after " 29.84  
 Gold calculated in tails 2.383  
43.793

CYANIDATION  
200 grams - 100 Mesh

800 cc water  
 2 grams sodium cyanide  
 1,2 grams lime  
 Agitate 24 hours

SOLUTION      TAILS

Free sodium cyanide  
 lb/Ton Solution = \_\_\_\_\_  
 Ore = \_\_\_\_\_  
 Lime lb/Ton  
 Solution = \_\_\_\_\_  
 Ore = \_\_\_\_\_

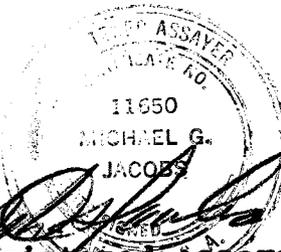
PH \_\_\_\_\_

METALLICS  
200 grams - 100 Mesh

10 minute screening  
 time

METALLICS      PULP

Wt. g \_\_\_\_\_  
 Oz/T gold \_\_\_\_\_  
 Oz/T silver \_\_\_\_\_  
 Wt. Gold mg \_\_\_\_\_      Wt. Gold mg \_\_\_\_\_  
 Wt. silver mg \_\_\_\_\_      Wt. silver mg \_\_\_\_\_

  
 Registered Assayer  
 Michael G. Jacobs

JULY 2, 1985

PRELIMINARY TESTS

SAMPLE NO. classifier 4-2-2-1-2-3 as received.  
 Weight as received 266 grams; Size, all minus 3/8 inches  
 HEAD ASSAY: Gold XXX oz/T, Silver XXX oz/T  
 GOLD/200 grams XXX mg; SILVER/200 grams XXX

AMALGAMATION  
 200 grams - 100 Mesh

800 cc water  
 40 grams mercury  
 1 gram sodium hydroxide  
 Agitate 3 hours

AMALGAM      TAILS

GOLD oz/T XXXXXXXX      0.020  
 SILVER oz/T XXXXXXXX      0.15  
 TOTAL mg Gold 20.49      0.182  
 TOTAL mg silver N/A      1.37

Percent recovery

gold = 99.63

silver = N/A

266 grams "washed" 4 hours  
 with dilute nitric acid

266 grams "agitated" 8 hours  
 with 54 grams Hg & NaOH

Gold recovered before amalgamation

27.92 mg.

Gold recovered after "

20.49

Gold calculated intails

0.182

48.592 Mg.

CYANIDATION  
 200 grams - 100 Mesh

800 cc water  
 2 grams sodium cyanide  
 1.2 grams lime  
 Agitate 24 hours

SOLUTION      TAILS

Free sodium cyanide

lb/Ton Solution = \_\_\_\_\_

Ore = \_\_\_\_\_

Lime lb/Ton

Solution = \_\_\_\_\_

Ore = \_\_\_\_\_

Percent recovery

gold = \_\_\_\_\_

silver = \_\_\_\_\_

pH \_\_\_\_\_

METALLICS  
 200 grams - 100 Mesh

10 minute screening time

Iron mg

METALLICS      PULP

Wt. g \_\_\_\_\_

Oz/T gold \_\_\_\_\_

Oz/T silver \_\_\_\_\_

Wt. Gold mg \_\_\_\_\_

Wt. Gold mg \_\_\_\_\_

Wt. silver mg \_\_\_\_\_

Wt. silver mg \_\_\_\_\_

REGISTERED ASSAYER  
 CERTIFICATE NO.  
 11650  
 MICHAEL G.  
 JACOBS

*Michael G. Jacobs*  
 Registered Assayer  
 Michael G. Jacobs

JACOBS ASSAY OFFICE  
 1435 So. 10<sup>th</sup> Avenue  
 Tucson, Arizona 85713  
 602-622-0813

La Paz Mining

July 2, 1985  
 PRELIMINARY TESTS

SAMPLE NO. H-2-2-1 as received.  
 Weight as received 165 grams ~~lbs~~ ; Size, all minus 3/8 inches  
 HEAD ASSAY: Gold XXXX oz/T, Silver XXXXX oz/T  
 GOLD/200 grams XXXX mg; SILVER/200 grams XXXXX

AMALGAMATION  
 200 grams - 100 Mesh

800 cc water  
 40 grams mercury  
 1 gram sodium hydroxide  
 Agitate 3 hours

AMALGAM      TAILS

GOLD oz/T	<u>XXXXXXXX</u>	<u>0.014</u>
SILVER oz/T	<u>XXXXXXXX</u>	<u>0.15</u>
TOTAL mg Gold	<u>10.91</u>	<u>0.079</u>
TOTAL mg silver	<u>N/A</u>	<u>0.85</u>

Percent recovery  
 gold = 99.77  
 silver = N/A

165 grams "washed" 4 hours with dilute Nitric acid.  
 165 grams "agitated" 8 hours with 33 grams Hg. & NaOH

Gold recovered before Amalgamation 25.20 mg.  
 " " after " 10.91  
 " Calculated in Tails .079  
34.189 mg.

CYANIDATION  
 200 grams - 100 Mesh

800 cc water  
 2 grams sodium cyanide  
 1,2 grams lime  
 Agitate 24 hours

SOLUTION      TAILS

Free sodium cyanide lb/Ton  
 Solution = \_\_\_\_\_  
 Ore = \_\_\_\_\_  
 Lime lb/Ton  
 Solution = \_\_\_\_\_  
 Ore = \_\_\_\_\_  
 Percent recovery  
 gold = \_\_\_\_\_  
 silver = \_\_\_\_\_  
 PH \_\_\_\_\_

METALLICS  
 200 grams - 100 Mesh

10 minute screening time

Iron mg

METALLICS      PULP

Wt. g	_____	_____
Oz/T gold	_____	_____
Oz/T silver	_____	_____
Wt. Gold mg	_____	Wt. Gold mg _____
Wt. silver mg	_____	Wt. silver mg _____

  
 Registered Assayer  
 Michael G. Jacobs

ESTABLISHED 1880

1435 SOUTH 10TH AVENUE



# JACOBS ASSAY OFFICE

REGISTERED ASSAYERS

PHONE 622-0813

1435 SOUTH 10TH AVE.

TUCSON, ARIZONA 85713

LA PAZ MINING

1882 W. Grant Rd. Suite 110-4

Tucson, Arizona 85745

6/26/85

6/26/85 Amalgamations.....(5).....\$45.00 each.....\$225.00

*Paid  
Massayamp a Placer*

JUNE 26, 1985

PRELIMINARY TESTS

SAMPLE NO. H-1-1-1 as received.  
 Weight as received 145 grams ~~195X~~; Size, all minus 3/8 inches  
 HEAD ASSAY: Gold XXX oz/T, Silver XXX oz/T  
 GOLD/200 grams XXX mg; SILVER/200 grams XXX

**AMALGAMATION**  
 200 grams - 100 Mesh

800 cc water  
 40 grams mercury  
 1 gram sodium hydroxide  
 Agitate 3 hours

	↓	↓
	AMALGAM	TAILS
GOLD oz/T	<u>XXXXXXXX</u>	<u>0.125</u>
SILVER oz/T	<u>XXXXXXXX</u>	<u>0.15</u>
TOTAL mg Gold	<u>27.19</u>	<u>0.621</u>
TOTAL mg silver	<u>N/A</u>	<u>0.75</u>
Percent recovery gold =	<u>98.26</u>	
Percent recovery silver =	<u>N/A</u>	

145 grams "washed" 4 hours with dilute nitric acid

145 grams "agitated" 8 hours with 29 grams Hg & NaOH

Gold recovered before amalgamation 8.037

Gold recovered after " 27.190

Gold calculated in tails 0.621

35.852

**CYANIDATION**  
 200 grams - 100 Mesh

800 cc water  
 2 grams sodium cyanide  
 1,2 grams lime  
 Agitate 24 hours

	↓	↓
	SOLUTION	TAILS
Free sodium cyanide lb/Ton Solution =	_____	
Ore =	_____	
Lime lb/Ton Solution =	_____	
Ore =	_____	
Percent recovery gold =	_____	
Percent recovery silver =	_____	
PH	_____	

**METALLICS**  
 200 grams - 100 Mesh

10 minute screening time

	↓	↓
	METALLICS	PULP
Iron mg	_____	
Wt. g	_____	_____
Oz/T gold	_____	_____
Oz/T silver	_____	_____
Wt. Gold mg	_____	Wt. Gold mg _____
Wt. silver mg	_____	Wt. silver mg _____



*Michael G. Jacobs*  
 Registered Assayer  
 Michael G. Jacobs

1a PAZ MINING

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Tucson, Arizona 85713  
602-622-0813

JUNE 26, 1985  
PRELIMINARY TESTS

SAMPLE NO. H-1-1e2 as received.  
Weight as received 238 grams; Size, all minus 3/8 inches  
HEAD ASSAY: Gold XXX oz/T, Silver XXX oz/T  
GOLD/200 grams XXX mg; SILVER/200 grams XXX

AMALGAMATION  
200 grams - 100 Mesh

800 cc water  
40 grams mercury  
1 gram sodium hydroxide  
Agitate 3 hours

AMALGAM

TAILS

GOLD oz/T XXXXXXXX

0.003

SILVER oz/T XXXXXXXX

0.15

TOTAL mg Gold 16.689

0.024

TOTAL mg silver N/A

1.22

Percent recovery

gold = 99.92

silver = N/A

CYANIDATION  
200 grams - 100 Mesh

800 cc water  
2 grams sodium cyanide  
1,2 grams lime  
Agitate 24 hours

SOLUTION

TAILS

Free sodium cyanide

lb/Ton Solution = \_\_\_\_\_

Ore = \_\_\_\_\_

Lime lb/Ton

Solution = \_\_\_\_\_

Ore = \_\_\_\_\_

Percent recovery

gold = \_\_\_\_\_

silver = \_\_\_\_\_

pH \_\_\_\_\_

METALLICS  
200 grams - 100 Mesh

10 minute screening time

Iron

mg

METALLICS

PULP

Wt. g \_\_\_\_\_

Oz/T gold \_\_\_\_\_

Oz/T silver \_\_\_\_\_

Wt. Gold mg \_\_\_\_\_

Wt. Gold mg \_\_\_\_\_

Wt. silver mg \_\_\_\_\_

Wt. silver mg \_\_\_\_\_

238 grams "washed" 4 hours  
with dilute nitric acid

238 grams "agitated" 8 hours  
with 48 grams Hg & NaOH

Gold recovered before amalgamation

16.689 mg.

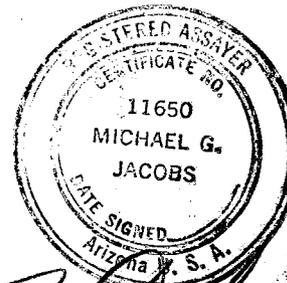
Gold recovered after "

12.740

Gold calculated in tails

0.024

29.453



Registered Assayer  
Michael G. Jacobs

JUNE 26, 1985

PRELIMINARY TESTS

SAMPLE NO. H-1-1-3 as received.  
 Weight as received 174 grams XXX; Size, all minus 3/8 inches  
 HEAD ASSAY: Gold XXX oz/T, Silver XXX oz/T  
 GOLD/200 grams XXX mg; SILVER/200 grams XXX

AMALGAMATION  
 200 grams - 100 Mesh

800 cc water  
 40 grams mercury  
 1 gram sodium hydroxide  
 Agitate 3 hours

AMALGAM      TAILS

GOLD oz/T XXXXXXXX      0.018  
 SILVER oz/T XXXXXXXX      <0.05  
 TOTAL mg Gold 17.925      0.107  
 TOTAL mg silver N/A      N/A

Percent recovery  
 gold = 99.41  
 silver = N/A

174 grams "washed" 4 hours  
 with dilute nitric acid

174 grams "agitated" 8 hours  
 with 35 grams Hg & NaOH

CYANIDATION  
 200 grams - 100 Mesh

800 cc water  
 2 grams sodium cyanide  
 1,2 grams lime  
 Agitate 24 hours

SOLUTION      TAILS

Free sodium cyanide  
 lb/Ton Solution = \_\_\_\_\_  
 Ore = \_\_\_\_\_  
 Lime lb/Ton  
 Solution = \_\_\_\_\_  
 Ore = \_\_\_\_\_  
 Percent recovery  
 gold = \_\_\_\_\_  
 silver = \_\_\_\_\_

PH \_\_\_\_\_

METALLICS  
 200 grams - 100 Mesh

10 minute screening  
 time

Iron mg  
 METALLICS      PULP

Wt. g \_\_\_\_\_  
 Oz/T gold \_\_\_\_\_  
 Oz/T silver \_\_\_\_\_  
 Wt. Gold mg \_\_\_\_\_      Wt. Gold mg \_\_\_\_\_  
 Wt. silver mg \_\_\_\_\_      Wt. silver mg \_\_\_\_\_



*Michael G. Jacobs*  
 Registered Assayer  
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JUNE 26, 1985

PRELIMINARY TESTS

SAMPLE NO. H-1-1-1, 2, 3 class as received.  
 Weight as received 322 grams ~~lbs~~; Size, all minus 3/8 inches  
 HEAD ASSAY: Gold XXX oz/T, Silver XXX oz/T  
 GOLD/200 grams XXX mg; SILVER/200 grams XXX

AMALGAMATION  
 200 grams - 100 Mesh

800 cc water  
 40 grams mercury  
 1 gram sodium hydroxide  
 Agitate 3 hours

	AMALGAM	TAILS
GOLD oz/T	<u>XXXXXXXX</u>	<u>0.650</u>
SILVER oz/T	<u>XXXXXXXX</u>	<u>0.30</u>
TOTAL mg Gold	<u>34.30</u>	<u>7.176</u>
TOTAL mg silver	<u>N/A</u>	<u>3.31</u>

Percent recovery  
 gold = 88.61  
 silver = N/A

322 grams "rashed" 4 hours  
 with dilute nitric acid

322 grams "agitated" 8 hours  
 with 67 grams Hg & NaOH

Gold recovered before amalgamation

Gold recovered after "	<u>34.30 mg.</u>
Gold calculated in tails	<u>21.51</u>
	<u>7.176</u>
	<u>62.986</u>

CYANIDATION  
 200 grams - 100 Mesh

800 cc water  
 2 grams sodium cyanide  
 1, 2 grams lime  
 Agitate 24 hours

	SOLUTION	TAILS
Free sodium cyanide lb/Ton	=	=
Solution =	=	=
Ore =	=	=
Lime lb/Ton	=	=
Solution =	=	=
Ore =	=	=
Percent recovery	=	=
gold =	=	=
silver =	=	=

pH \_\_\_\_\_

METALLICS  
 200 grams - 100 Mesh

10 minute screening time

	METALLICS	PULP
Wt. g	=	=
Oz/T gold	=	=
Oz/T silver	=	=
Wt. Gold mg	=	Wt. Gold mg
Wt. silver mg	=	Wt. silver mg



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JUNE 26, 1985  
 PRELIMINARY TESTS

SAMPLE NO. H-3-3 as received.  
 Weight as received 148 grams; Size, all minus 3/8 inches  
 HEAD ASSAY: Gold XXX oz/T, Silver XXX oz/T  
 GOLD/200 grams XXX mg; SILVER/200 grams XXX

**AMALGAMATION**  
 200 grams - 100 Mesh

800 cc water  
 40 grams mercury  
 1 gram sodium hydroxide  
 Agitate 3 hours

AMALGAM

TAILS

GOLD oz/T XXXXXXXX

~~0.442~~

SILVER oz/T XXXXXXXX

~~0.25~~

TOTAL mg Gold 31.67

~~2.241~~

TOTAL mg silver N/A

Percent recovery

gold = 95.57

silver = N/A

**CYANIDATION**  
 200 grams - 100 Mesh

800 cc water  
 2 grams sodium cyanide  
 1.2 grams lime  
 Agitate 24 hours

SOLUTION

TAILS

Free sodium cyanide  
 lb/Ton Solution = \_\_\_\_\_

Ore = \_\_\_\_\_

Lime lb/Ton  
 Solution = \_\_\_\_\_

Ore = \_\_\_\_\_

Percent recovery

gold = \_\_\_\_\_

silver = \_\_\_\_\_

pH \_\_\_\_\_

**METALLICS**  
 200 grams - 100 Mesh

10 minute screening  
 time

Iron  
 mg

METALLICS

PULP

Wt. g \_\_\_\_\_

Oz/T gold \_\_\_\_\_

Oz/T silver \_\_\_\_\_

Wt. Gold mg \_\_\_\_\_

Wt. Gold mg \_\_\_\_\_

Wt. silver mg \_\_\_\_\_

Wt. silver mg \_\_\_\_\_

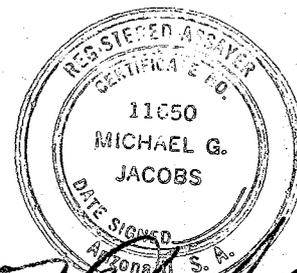
148 grams "washed" 4 hours  
 with dilute nitric acid

148 grams "agitated" 8 hours  
 with 30 grams Hg & NaOH

Gold recovered before amalgamation 16.618 Ng.

Gold recovered after " 31.67

Gold calculated in tails 2.241  
50.529



*Michael G. Jacobs*  
 Registered Assayer  
 Michael G. Jacobs