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IRON KING ASSAY OFFICE ASSAY CERTIFICATE

BOX 247 — PHONE 632-7410 HUMBOLDT, ARIZONA 86329

ASSAY	Richard E. Mieritz
MADE	2940 N. Casa Tomas
FOR	Rhammed Ar 850/6
	Phoenix, Az. 85016



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·		<u>Aug. 24, 19, 84</u>										
REF. NO.	DESCRIPTION	oz/ton Au	oz/ton Ag	Mg s Au	GMS	% РЬ	% Zn	% Cu				
8-21-1	# 2964	Tr	0. 18									
-2	65	0.002	0.02									
- 3	66	0.698	NI	0.675	2.080	Κ						
- 4	67	0.034	Nil	2.54	13,731	Samp	le Weig	ht				
-5	68	0.108	0.21	40.64	6.425							
-6	69	Tr	0.08									
-7	70	Tr	0.08									
-8	71	0.002	0.12									

124.00 CHARGES.

ASSAYER

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REPLY TO:

2940 N. CASA TOMAS PHOENIX, ARIZONA 85016 TELEPHONE (602) 277-6053

Richard E. Mieritz MINING CONSULTANT

GEOLOGY EXPLORATION EVALUATION FEASIBILITY OPERATION

ARIZONA REGISTERED MINING ENGINEER AND GEOLOGIST

August 27, 1984

Mr. J. E. Scally 5809 East Thomas Road Scottsdale, AZ., 85251

On August 16th, you verbally requested and authorized the writer to conduct a limited "check sampling" program on the Little Pan gold placer property, Sec. 29, T. 8 N., R. 1 E., Maricopa County, Arizona, a property in which an interest is shared by your principal.

In July 1984, Del Tierra Engineering Co., Scottsdale, Arizona, completed a program consisting of sampling the crude ore (placer material) bank, slime pits, sand pile and black sands, the latter three being products of the simple milling operation set up by Cliff Freeman, present property owner.

On August 18, 1984, the writer visited the property of concern, met Mr. Freeman, and explained the reason for his presence. The writer took "bank run" samples, samples of the slime pits, of the "sand pile" and the final product (processed) black sands.

SAMPLING PROCEDURE, CRUDE BANK MATERIAL:

The writer's method of sampling a "placer material" - (slimes, clay, sand, rock fragments and boulders) is a bit more involved than sampling hard rock veins. A "bulk" sample is required. Herewith a description of how the writer obtained and prepared the "bank run" samples:

- (1) The writer used a wood "box" which has a capacity of 2.7 cubic feet 1/10 of a cubic yard.
- (2) A representative area of the "bank" was selected and a "channel" cut of the bank made from near the floor, upwards for 6 or 7 feet in length, 1½ feet wide in one case and 2 feet wide in the other. The channel was 3 to 4 inches deep - taking everything, including boulders and putting same into the "sample box." The "box" was heaped, filling all corners and permitting the "heap" its normal angle of repose. Heaping is necessary to compensate for the volume expansion from "in place" compaction to removed expansion of the material.
- (3) Three inch rocks to 6 8 inch boulders are removed, the surfaces cleaned by hand rubbing, piled and weighed.
- (4) The balance of the material is screened through a ½ inch screen, the plus material hand dry cleaned as well as possible, and weighed - (also observed for "large nuggets").
- (5) The $-\frac{1}{4}$ material is screened using a 16 mesh (window) screen.

The plus material is hand dry cleaned and weighed - (also observed for +16 mesh nuggets).

(6) The -16 mesh material is weighed and bagged.

The above is all completed in the field at the sample site.

In Phoenix:

- (7) The -16 mesh material is washed to rid the "sands" of clay and slimes. The sands are dried and weighed. A sample of the slimes was dried.
- (8) The assayer (Walt Statler Iron King Assay Office, Humboldt, Arizona) pans the -16 mesh material to reduce the volume to an "impure" black sand (concentrate) which is weighed and then subjected to an amalgamation process to collect the "free gold", which is then recovered and weighed. The remaining concentrate is then assayed by fire to determine the gold content not recovered by amalgamation.

By calculations, the gold content per cubic yard gravel is determined.

OTHER SAMPLES:

Other samples taken include slime pit samples, sand pile sample and a sample of the "black sand" concentrate (processed) - meaning, if the writer is correct - that the "goodies" - free gold - were removed by panning and "hand picking or collecting" the nuggets.

The writer took a sample from each of the two slime pits from the bottom(?) of a "sample" hole in each pit. These were "post hole digger" holes from which Del Tierra Engineering took their samples.

The "sand pile" sample was also taken with a post hole digger at a site "selected" near the base of the "sand pile" by Mr. Freeman - which was approved by the writer - because now, or recently in the past, the minus $\frac{1}{4}$ " material (including slimes and black sand) discharged from the SGS Gold Screw, is stacked on the "sand pile".

A grab sample from five 5 gallon buckets containing various volumes of "processed black sand" was taken. The above four samples were dried, split to a reasonable size using a Jones type splitter and fire assayed for gold and silver.

BANK RUN SAMPLE DATA:

The bank run samples taken by and the procedure used by the writer have provided useful data which is necessary for various calculations included in this report.

Each of the two samples taken had a volume of 2.7 cubic feet - 1/10 of a cubic yard, thus, a factor of 10 should be used to convert the recorded data to that of a cubic yard volume.

The data obtained on the two samples is:

	Sample I -#2967	Sample II -#2968
Weight of + 3" material	154 pounds	120 pounds
% of + 3" material	47.5%	34.5%
Weight of $-3"$, $+\frac{1}{4}"$ material	71 " "	151 " "
% of $-3"$, $+\frac{1}{4}"$ material	21.9%	43.4%
Weight of $-\frac{1}{4}$, +16 mesh mat.	42 " "	40
% of -4". +16 mesh mat.	13.0%	11.5%
Weight of - 16 mesh material	57 " "	37 " "
% of - 16 mesh material	17.6%	10.6%
	324 pounds	348 pounds
	100.0%	100.0%
Weight of clean sand	30 pounds	14 pounds
% of clean sand	52.6%	37.8%
Weight of slimes	27 pounds	23 pounds
% of slimes	47.4%	62.2%
	57 pounds	37 pounds
	100.0%	100.0%

Clean sands includes "heavies", magnetite, etc.

Weight of black sands (ob- [tained by Assayer-panning)

[Mr. Statler decided to use the full sample as received.]

By calculation, a cubic yard of the bank run material should weight approximately 3360 pounds or about 1.68 tons. The material these samples represent indicate there is much more "dirt and clay" than in a normal, nature washed river or creek gravel. This suggests that milling or treatment problems could exist.

The above data will be used in succeeding calculations.

SAMPLE DESCRIPTIONS:

<u>Sample #2967</u>, Slope bank channel cut (2 feet wide, 7 feet long and 3" deep) of crude gravel from east bank of mine trench, 50 feet south of north end near Del Tierra Sample 03-2 and consisted of dirt, clay, fragments and boulders of diorite, granite, basalt, dacite, schist and rhyolite ranging in size from micron to boulders of 6 to 8 inches.

<u>Sample #2968</u>, Similar to 2967 ($1\frac{1}{2}$ feet wide, 6 feet long and 4" deep), approximately 80 feet south of sample #2967 near Del Tierra Sample 03-4 containing the same type material, probably more clay and dirt.

<u>Sample #2964</u>, Slime material from bottom of Del Tierra sample hole S-2-2 (northern most), from a depth of $3\frac{1}{2}$ feet. Micron size material.

<u>Sample #2965</u>, Slime material from bottom (?) of Del Tierra sample hole S-1. Micron size material. Wet.

<u>Sample #2966</u>, Grab (scooped) sample from each of 5 buckets of "black sand" (processed by Freeman) [magnetics and heavies] as the concentrate is also known as. Sample #2969, Post hole digger sample--one foot--at base of "sand pile" (discharge tails) from SGS Gold Screw. Material contains some $-\frac{1}{4}$ " rock fragments, slimes and some black sand. The latter visible at the discharge of the Gold Screw.

Sample #2970, Sample of the slimes washed from the -16 mesh material of bank run sample #2968.

Sample #2971, Sample of the slimes washed from the -16 mesh material of bank run sample #2967.

SAMPLE RESULTS and CALCULATIONS:

The gold and silver values of the various samples as determined by Walt Statler, Iron King Assay Office, are shown in the included Comparison Schedule of Sample Results which also lists Del Tierra's samples and results by Arizona Testing Laboratories and Iron King Assay Office.

Samples 2964, 65, 69, 70 and 71 have gold and silver values reported in ounces per ton of material.

Sample 2966-"Black sands", (concentrate, the processed product of the "milling operation") contains FREE gold and gold "tied or married" to sand and/or magnetite or other "heavies". The amalgamation process recovers what free gold is available--and the "tied or married" gold remaining in the sample now "de-freed" is fire assayed for the "tied or married" values.

Samples 2967 and 2968 are reported in the same manner as sample 2966.

To determine the amount of "FREE gold" per ton of concentrate-black sands or for a cubic yard basis of crude material, the following calculations must be made using the proper factors.

Factors used in the following calculations are:

(1) 10 - converting sample data to a cubic yard.

- (2) 453.6 grams equals one pound (Avoir).
- (3) 1000 milligrams equals one gram.
- (4) 31.103 grams equals one Troy ounce.
- (5) 2000 pounds equals one ton.
- (6) Gold price set at \$350.00 per ounce.

Sample 2967--Bank Run

Sample			Factor		Cubic Yard
	324 1bs.	Χ.	10	=	3,240 1bs.
Clean Sand weight	30.271	Х	10	=	302.7 1bs
FREE gold recovered	2.54mg	Х	10	=	25.4 mg.
Milligrams to grams	2.54mg	÷	1000	=	0.0254 grams.
Grams to Troy ounce	0.0254	+ .	31.103	=	0.0082 ounces.
Gold price \$350		X	0.0082	=	\$ 2.87/cuyd.

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Little pan Placer

	Del Tier	ra Eng.	i	R	E. Mier	ritz	
Sample #	A. T. L. Atomic Absorbtion	IRON KING Fire Assay	Sample Number	وموجد المتحد بالمتحد والمتحد والمتحد والمتحد المتحد المتحد المتحد المتحد المتحد المتحد المتحد المتحد المتحد ال] Assay	IRON KING Amalgama	tion
Bank Rur		Gold Silver	Mulliber	Gold	Silver		lver
03 03-1 03-2	Lt 0.002 Lt 0.02 Lt 0.003 Lt 0.02 Lt 0.002 Lt 0.02	Tr.0.100.0020.22Tr.0.02					· · ·
			2967 2971	0.034 0.002	Nil 0.12	2.54mg. fro	m 13,731 grams sand (30.271 lbs.) Slimes from #2967.
03–3	Lt 0.002 Lt 0.02	Tr. 0.08	2968 2970	0.108 Tr.	0.21	40.64mg. fro	m 6,425 grams sand (14.164 lbs.) Slimes from #2968.
03-4 03-5 0 -1 01-2 0 -2	Lt 0.002 Lt 0.02 Lt 0.002 Lt 0.02	Tr.0.02Tr.0.040.0080.070.0020.240.0120.17					
Sand Pi B. P. 1 Slime P:	0.028 Lt 0.02	0.024 0.18	2969	Tr.	0.08		
S-2-2 S - 1 S - 2 S - 3	0.005 Lt 0.02 0.015 0.02 0.002 Lt 0.02 Lt 0.002 Lt 0.02	Tr.0.020.0020.08Tr.0.060.0040.06	2964 2965	Tr. 0.002	0.18 0.02		
<u>Black Sa</u> Black Sa	 <u>ands</u> and 0.550 0.04	0.546 Tr.	2966	0.098	Nil	0.675mg. fr	om 2080 grams conc. (4.586 lbs.)

NOTE:

Lt. means Less than.

mg. means milligrams.

Sample 2967--Bank Run

Sample			Factor	Cubic Yard
Total Weight	348 1bs.	X	10	3,480 1bs.
Clean Sand weight	14.164 lbs	.X	10	141.64 lbs
FREE gold weight	40.64mg	Х	10	406.4 mg.
Milligrams to grams	40.64mg	÷	1000	0.4064 grams
Grams to Troy ounce	. .	÷	31.103	0.01306 ounces
Gold price \$350		Х	0.01306	\$ 4.57/cuyd.

Indicated average value--\$ 3.72 per cubic yard FREE gold.

The "tied up or married" gold-silver contents would require 6.61 cubic yards for sample #2967 and 14.29 cubic yards for sample #2968 to recover a ton of sands which respectively have a gold assay of 0.034 oz/ton and 0.108 oz/ton, or \$11.90 /ton of sands and \$37.80 /ton of sands. A completely different treatment mill would be required to recover these values.

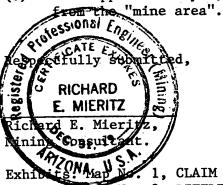
Sample 2966--Black Sands

Sample			Factor		Per Ton
	4.586 lbs.	Х	436.11	=	2000 1bs.
FREE gold content	0.675mg.	Х	436.11	=	294.37mg.
Milligrams to grams			1000	=	0.10.810
Grams to Troy ounce	0.29437gm	÷	31.103	=	0.00946 ounces
Gold price \$350		Х		=	\$ 3.31/ton con.
	0.098oz	X	\$350 		\$34.30

OPINION:

Based on the writer's limited sampling completed, the writer's sample taking and preparation proceedures and the assaying techniques utilized by Iron King Assay Office at the request of the writer, the writer opines that:

- The bank (mined) material sampled contains FREE gold values, but such values could vary from sample to sample, location to location,
- (2) The present "milling operation" has recovered some gold values in as much as the "tails" from the operation are quite low in gold values,
- (3) There are probably 300 tons of "slimes" in the two pits,
- (4) There could be 200 tons of "sand" in the "tail pile",
- (5) Probably 350 pounds of "black sands" remain in the five buckets, and
- (6) That approximately 2,100 cubic yards of material have been removed



Map No. 2, LITTLE PAN PLACER - Surface workings & Mill Flow Scheme.

IRON KING ASSAY OFFICE ASSAY CERTIFICATE

BOX 247 — PHONE 632-7410 HUMBOLDT, ARIZONA 86329

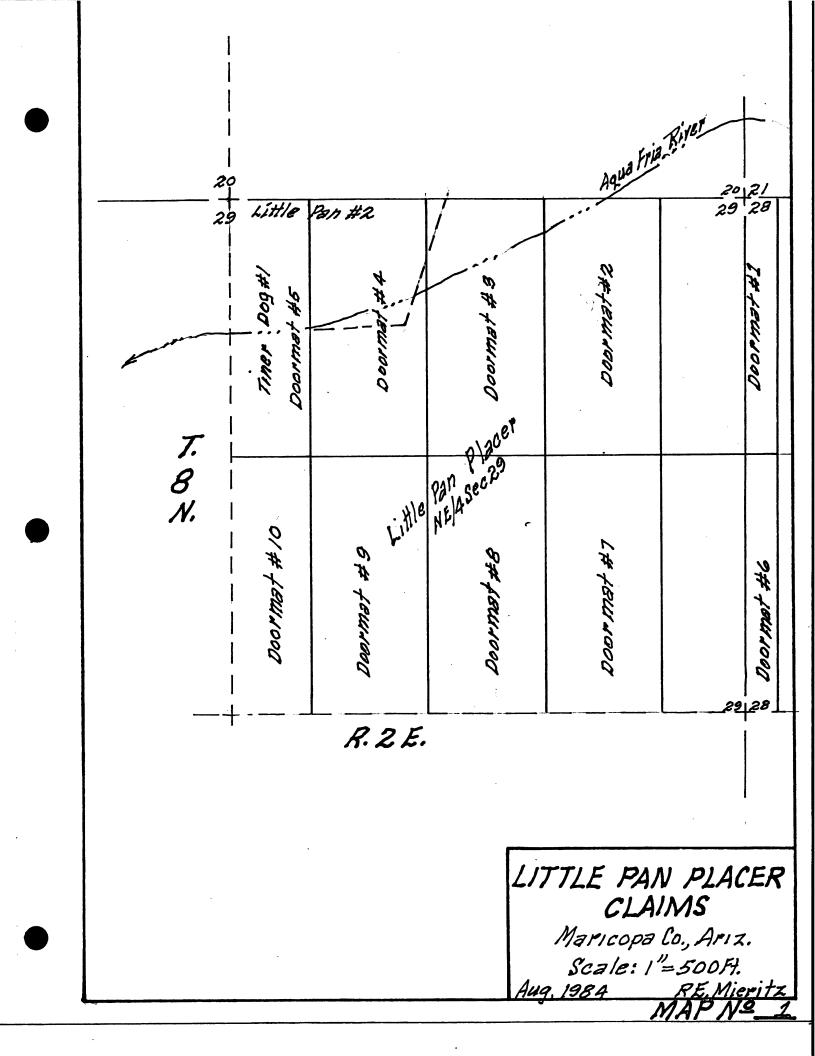


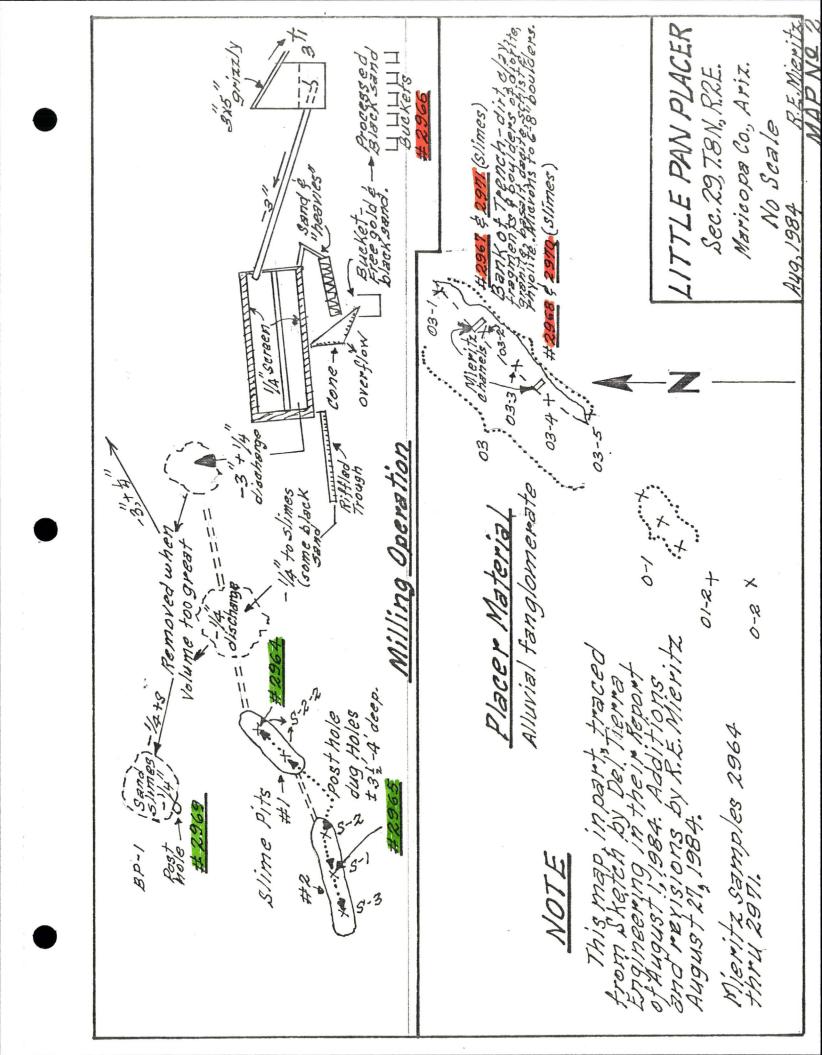
ASSAY MADE 2940 N. Casa Tomas FOR Phoenix, Az. 85016

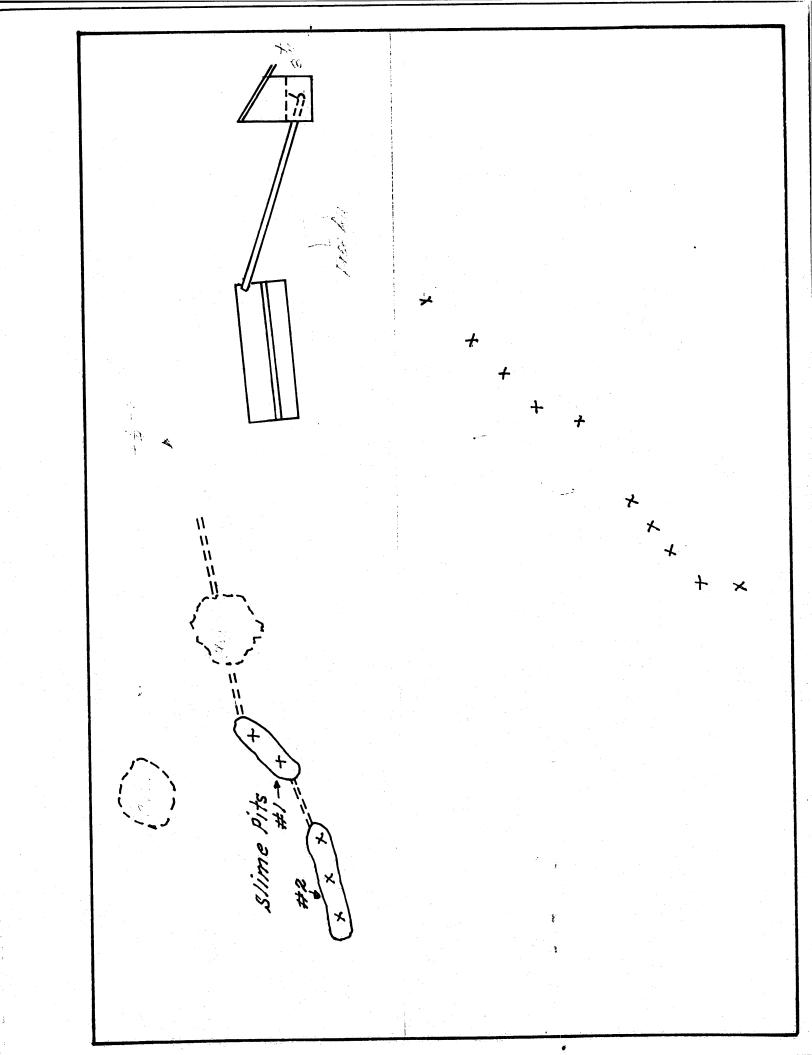
REF. NO.	DESCRIPTION	oz/ton Au	oz/ton Ag	Mà s Au	19.24, SMS	% РЪ	% Zn	% Cu
21-1	# 2964	Tr	0. 18					
-2	65	0.002	0.02					
- 3	66	0.0 98	N:1	0.675	2,080	h		
- 4	67	0.034	Nil	2.54	13,731	Sam	ole Weig	ht
-5	68	0.108	0.21	40.64	6,425)		
-6	69	Tr	0.08					
-7	70	Tr	0.08					
-8	71	0.002	0.12					
							·	

\$ 124.00 CHARGES

ASSAYER _







1-632-7410 Statler # AN AQ 2964-TN - 18 Stime 2965 .002-Sume 102 2909- ·Tr Sand P. 188 2970-Th .08 Sime #7 Sum #1 29.71- 1002 ,12 80.27 1034 Nil 13,121 2967 2.54Mg 19.16 goms 2768 48,6mg. gone to troy of Bl. 1035 1000 mg = 1 gram At = 29. 166 gram

(100) 29 8,35×16= 453,6 gp 1039 M15 B ,014 \$1.103 1.46400

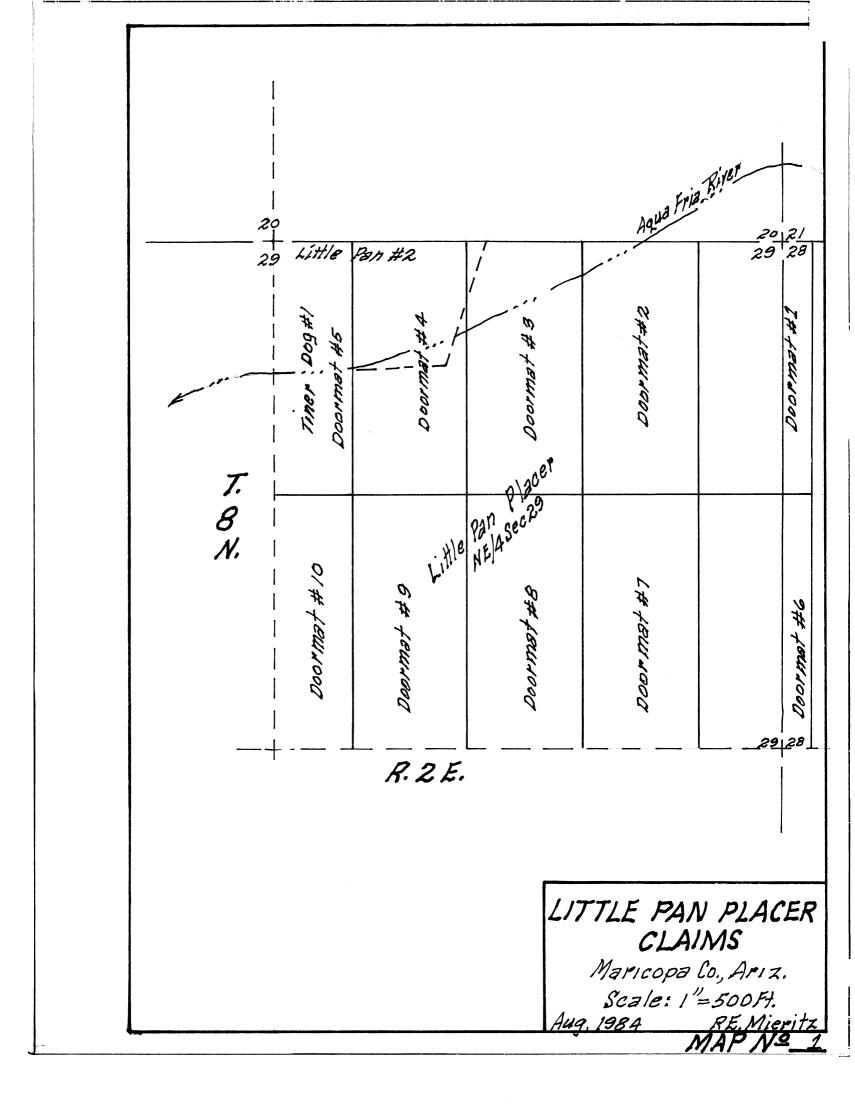
22 16× 822857 = 13.144 92 ounces,? 1 Thing = 480 grams 1 Ad 03 = 437,5 grams 16 × 9/1458 = 14.58 28.**95** qmc/ouncl 453600 28.41× 822857=23,38 gras/ty ourse 28.41 + 822857 = <u>84.53</u> guil Y OUNCE <u> 34,93×13,166=454,6</u> 345 grams to a tray anne? 14. to long pl.

20-1-2-22 01110/110 01110/110 Sond Con 2 0/-2 4-60 6000 6-30 20 co 1 1 1 1 B.P. 170,002 " 8,02 "0,802 "0102 "0,002 "0,02 "0,002 "0,02 "8,002 " 1.02 Th 0.08 10002 "P.O. 4012 0,17 200'1 20'8 , 6'00' - 28'24' 20'21 atomic Abo 0,002 hT 0:02 0,015 8,02 0,005 290,02 0,028 - 1,74,02 0,024 0, 18 2969 - Tr. \$ 0,08 17 81002 Honoz 0.002 0.24 2010 2000 ENG MOLAN Å 0,009 0,07 Sample Result Camponiser Selve dute 40010 The Didy 12 0,02 All All. 12 2001 Kg 0,22 0,02 006 808 0.02 0.06 2967 - 0.034 Nil 29/8 - 0,108 0,21 29/10 - 72 0,18 2964 72 0,18 Party at 2.5419. Hoge server and 13, 73 ungler 1, 145 control on 22 4 4

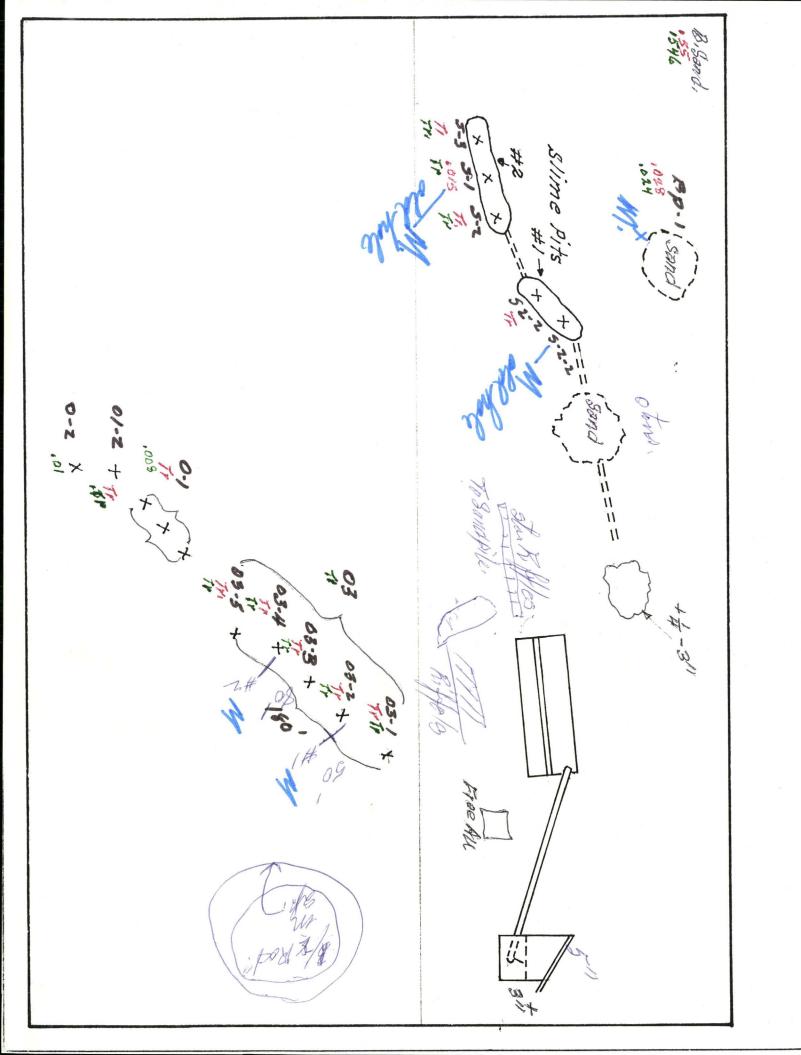
12 × 6 - 9 × 4 (-33 2.100 coff. 120 34,5% $\frac{42}{+3^{4}} - \frac{120}{-3^{4}} + \frac{120$ 151 43.4% 1.682m/ga. 39 -14 + Unnesh; 40 11.5To 15 ou ft / fo 11 29 -Tiemesh zo 37 10;63348 54 18:75 17 54 = 54 + Dan 19 - 54 + Dan 19 - 54 + Dan 19 - 54 + Dan 100.0 14/bs Sand 37.8% **50** = 1,5/0 1012

X12 Jugh 360 -14 mish - sands. 180 2160 <u>X20 with</u> <u>H3,200</u> = 1,600 an fels. XH28 = 4,850, tons 27 V=hTTR² (H)²×3.1416 - 380.134 = 126.71 × 15 - 1900 - 1914 3 3 3 3 416 - 380.134 = 126.71 × 15 - 1900 - 19 3 3 3 4 4 4 5 - 1900 - 19 1534 4 4 18048 Sinnes 10×30×8 2400 1,500 (200) 960 <u>1460</u> = 154 tons 136.17 tons 8×15×8 Re- 164 = 67.8 % - 164 = 69.1 % Synd 100 424 10 196 = 59% Sums <u>136</u> 57, 6/0 186 = 41% 236

Sal Ale To ber 0.546 0.55 U # 2964 / Ful S-1 DrOCS 110,02 0.08 0+002 #2945 LT OrOZ 0,06 3-2 To 0,002 3-3 LTOPZ 170.002 0,06 PrOOH SCI (comp) Lt 0,02 0.005 S2-2 0,005 170,02 #2964 band Hile B.P-1 hT.0,02 0r028 0.024 0,18 # 2969 DERKAN 03-1 0.003 15002 R,002 0,22 03-2 hT0,02 The 0.02 PROZ #296 03-3 0 The 17.0,002 LTO,02 0,08 #2968(600 000 03-4 LTOrOZ The 17,0,002 0.02 03-5 0,04 LTOIDZ 17,0,002 The 110,02 03 17,0,002 Or10 Tro 29170 (Shim # 7.968 of 2961



101 NOTE +z samples 2964 2971 5/11770 8P-, . H0/8 -1984 # 2969 #2965 dug Holes ±3±-4'deep. bost hole Holes Alluvial fanglomerate Placer Materia Mieritz \$ 25 Puloi Dese 11/00 ť ť #2964 10/1 Milling Operation Removed when discharge 0 X 8-0 +2-10 too great to 5, ·3;+4/" elffild Lood 03-5 50 -80 いいつ -2400 overy N SERBER •••••• #2968 \$ 2970 (Slimes) 03-1 MANANA "heavies" 449, TTLE PAN PLACER No Seale 1984 Maricopa Co., Ariz. Sec. 29 7.8N, R.2E. DUB 2971 (Slimes, Processed HHHHH Buckets #2966 248 "" Ne 2 te l 010.



determined by Walt Statter, Sum King are shown in the included samp I schedule which lest Res Tura's samples and results and the comperable the opening of the writer based on the and of bank nine material calle allang with on following the second sy silver adam and the in current tono leanentrates the mple & 966 - by I the milling opposing noussed menuter the hereis. The amou Molente or ren may fill gold is the and the tild or marine gold is anglable -in the assume angle new de fiel is fine assume is Sunkles 2967 and 29168 are refailed in the same manne The allowing the amount of the gold action of anothe lowing Calculations must be made maturial - The malitial - the following he

Sample Queriftone (af of crude grand for walt bank as mine truch so fiel south of month end them man All Tierre sample 03-2 and consisted of dirt, day havennt and bauldoss of dearte, granite, busath daate, schust and spegolite ungingen size from microne to building of 6 to g inches Sample 29/68 Similar to 2967 (12 hot wide, 6 fut lang and 4 Dales) approximately 80 feel south of sample 2967 means the Time sample 03-4 containing the same type matinal. I somely Simple 2964 - Sime material from bottore of Sel Tuesza tere hole 3-2-25 permadifth of 5 2 fut. Misson sine material. Simple 2965 Slime material from bottom of Sel Tierra sample hole 5-1. Misson size material. With Sample 2966 frab (scooped) sample & from each of Specekets of Prack fands (crocessed by Freeman) [mognitus - harris) as the gencestrate is also known as. Jumple 2969 - Past hole digger sample -one fort at base of "sand file" (discharge tails) from SG9- Sold fored. Materia contains some min "14" rock fragments, slimes and the black sand. The latter visible at the discharge of the gold server. Simple 2910 - Sample of the Slinds washed from the -16 mest matinal of bank un sample # 296 Mumple 2911 Sumple of the stimes washed from the -16 mesh material of fank un somple # 2967. Sample Guilto. The gold and silver values of the various samples is

Attiched O Statistale Carpona 85257 On august 16 you reveally requested and authorigh the writer & anduct a limited "check any pling" program on the sittle Van gold place proprity, sec. 29, T(8), RIE, Maniafa. Caunty, aryona, a grophity in which an interest is charles by yand publicipal. On July # 1984, Del There Engineering Co. Saltadak anigne. can katter a sumpting of bampling the crude are (places matrical) bank blime site and sand rile and black sands, the latter the fine Reduits of the simple milling, operation sit up hy) all Freeman, put property of more forthe of conarre, Dr. guguet 18, the with digited the referite of conarre, met My seeman sy family the reason for my presmere. The write took the Kank Bun samples, samples the Sime gito, and of the 'sand gile" and the find pictuit (Groupsel) Hack sands. Stack sands. Stack sands. Stack sands. Stack sands. Stree information of amplitude a 'placer matrial - (Simes, clay, sand, were fragments and boulders) is a fig. more insolved than dempling hard rock runs, A kilk sample is required. Anewill a description of how the writer abtained and prepared the "bank run" bange (1). The with used a wood box " which has a safarty of 2.7 eabie fift - 1/10 th fa cubic gard. (2) A gepresentation area, of the "bank" was selected anda "Channel" cyt of the bugk from marthe floors upwards for 6 n T fut in length, the 1/2 feet winde in one case

and a ful wide in the other, The channel was 3 to 4 inched dueb - taking energe thing, including faulting and putting same into the "hample boy". The "bay" was Maple, filling all ernors and pirmitting the heak its normal male & refuse , haping is necessary to compensate for the rolume upansion from "inplace ben protion to semand ypansion of the material. (3) the the meh socks to bound houldns are removed the surfaces clienter by fand rubbing filed and waher. (4) The balance of the matinal is secured a through a 14 mich speens the place maturia and cleaned ad bist as parsible, and origher also observe for large nuggets. (5) The - 1/4 material is soremed using a 16 mich (window) seren. The slug mating is hand, my deaned, and winhed, (allo observed for + 16 mish suggets) (4) The - 16 mesh material is wigher and bagged. The above is all completely in the fuldat the sample (1) The - 16 mesh material is washed to sid the sends clay and slimes. The senter and ried and weighed promo was drive (8) The adamer (walt Statling non King adder) Office, full aurona, some the -16 mich mathial to beduce the one then subjuted to an analga mation proceed to collect the is then assayed by fire to ditumine the gold content

not recorned by a malga mation. By galculations, the gold contint pin outic yard grovel is detormined. Other Samples Ether samples taken in chile slime pit samples. sand sile sample and a sample of the black sund concentrate (proceeded) - meaning if the routin is ascert-that the 'geodies' - fregold - the permond by Banning and "hand pleking or collicting" the muggets. The write took a supple poor each of the two slim gito from the "haltom () of a the "sample" have in each git These were "past hole digger" hales for which al Vierre Eng. took thur samples. The "sand sile" sample was also taken with a good hole digger at a "the sile sile to the themen which was near the base of the "sand file" by The Themen - which was approved by the writer - because now on recently in the Bask the minus 1/4" material (including slimes and black sand) discharged from the 565 Gold Herris, is most stacked on the "sandfile" Agreb sample from fin 5-gal antening racious volumes of processed black sand was takend The above pur (1) samples wor dried, split to a reasonable size using a fonestype splitter and fire assayed for fold and silver.

Bank Fun Sample Date: The bank new samples taken by the proceeding used by the contin has provided useful date to which is necessary for marious calculations included in this and the proceedine nbart Cach of the two samples taken hada Mume of a Machic her Woth you and fand, that a factor of 10 should be dand to convert the regarded date to that if a andi fact volume. The datavan the top samples anis: Sample II -Sample I-2967 wit of + 3" material 154 47,5% 120 34.5 14 02 -3, +1/4" 71 151 4314 2119% uf of -1/4, + 16 mes 42 40 11,5 13.070 WHO -16 mesh Jana 57 37 10.6 17,6% WHX chan Sand 100,0 348 324 52.470 14 \$7,8 ut of Shimes -il mesh 6212 27 23 47,4% art of Black Sand-100,0 37 100.0 By calculation, a dubic youd of the bonk run material should wigh 3360 Jounds napproximatily 1.68 tons The matin the samples represent and include there is much more "and and day then in a normal, washed where one and which suggests milling a treatment suchlims. The above date ioil be used in succeeding calculations.

31.103-740g Comple 2967: Come Ran Somple tigger Tatallinght 324 16 x 10 adie mand alan sentering 30-271 × 10 5,240.1kg 302.71 /00. Freegell produced and a 54mg x 10 15.40 MA. 0.025Haramos .002 340mms al 2050,00 punce al 2050,00 punce Auguston Ale 2968 - Cantel Jun D. D.O.Sh MINCED-They. \$ 2.87/an yord (The wind 348 lbs × 10 ann ann 14 lbs × 10 The the x 10 3481 165 140 165 0,0 3481-Tbs. 16.5 Free gold whight . He. 4 4 mg. X10 HOB. H MAI 0.0464 mmo D. HOBOGUMS at 350,00 punce D. 0130 EUNCES - Troy. # 5.21 / en yand. AVERAGE = # # / augh The "tidupon married gold silon contents the attents and angle the type of the second to second and 0. 108 og tong on A the Jankie gand and I they on onlive your naky bit worky Some would regime a completely different necons system.

mple ago 6 - Black In Ton Hand 15 1586163. 2000 lbs H36.11 294.37 mg. allanting elits may 436.11 0.29437 qume. .000.675 gums 436.11 . 00946 bunces Trois. 103 aumate Hoyounce \$330, Janner \$3,31/ton anc. tics up gold - 0.099 og for H3H. 30 Iton Cone Jamphing werklith. the on the mulasirand Almake Take antains bur and s s s stall all rang from hangle to lamble, Mation to (2) The prised milling aferation the spint me suite low in ralues. pope the offication are guite low (3) There are fally sootans of Semia withe (4) This could be nootons of sand in the Tail" 50/13 of Chack sands main in the the h, 100 achie Jardes J Sen amond from the minemat 'le)"

Chiff Freman - be Seally. Tittle Pan - Aqua Fina Bab Judd - Min. Eng. #1- 7.0 go An Jon. Anny. 5,7 mg Thlack - Self Milmon - 278-4653 10-100 ac. clasmo: 5200-E. amelback - Af- 85018. 840-3610 - manufin M-F-7 5809-F. Homman Katto 8525/ 944-5974