



## **CONTACT INFORMATION**

Mining Records Curator  
Arizona Geological Survey  
1520 West Adams St.  
Phoenix, AZ 85007  
602-771-1601  
<http://www.azgs.az.gov>  
[inquiries@azgs.az.gov](mailto:inquiries@azgs.az.gov)

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PRINTED: 11/08/2001

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: KIRWAN BLUE WASH

ALTERNATE NAMES:

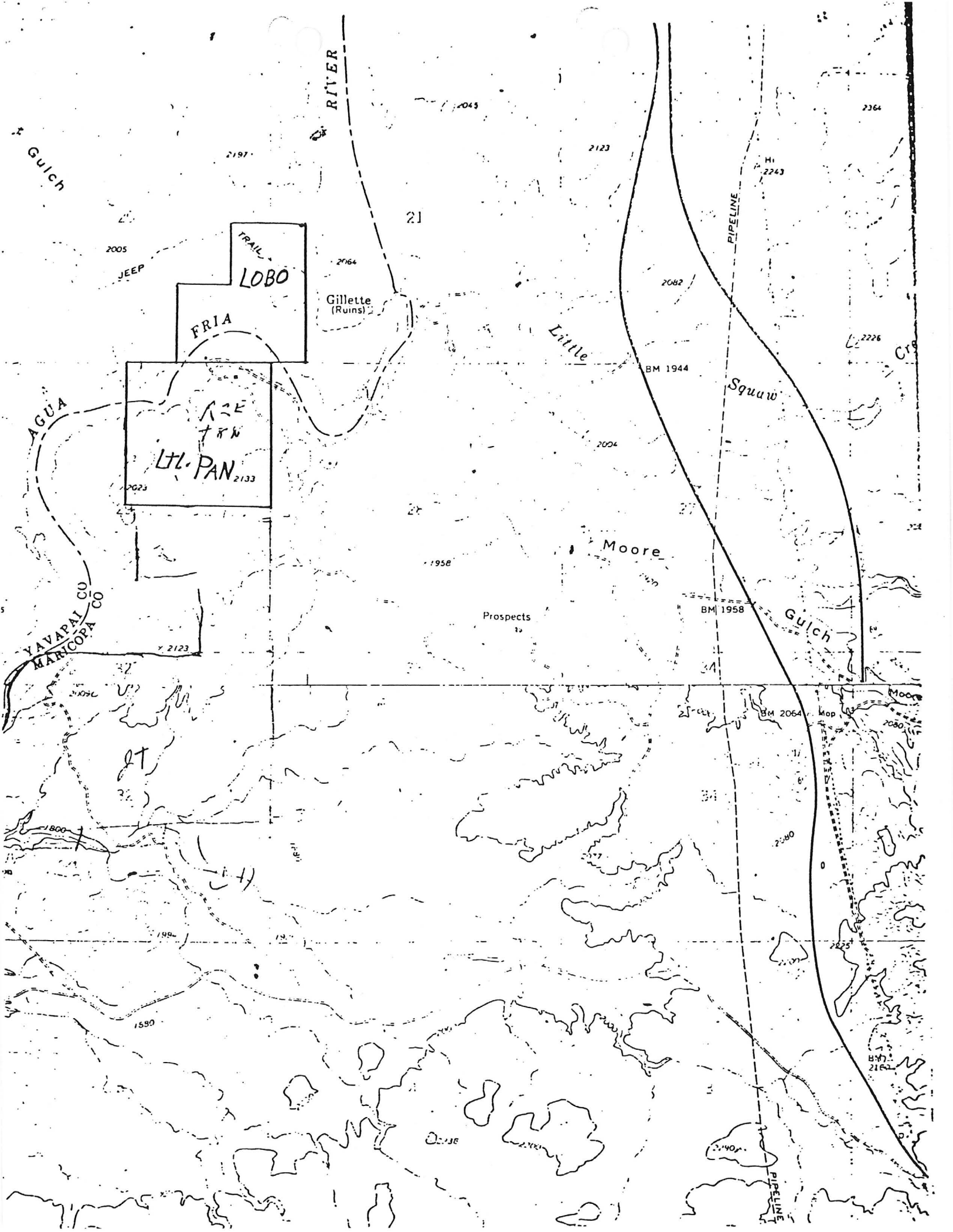
MARICOPA COUNTY MILS NUMBER: 454

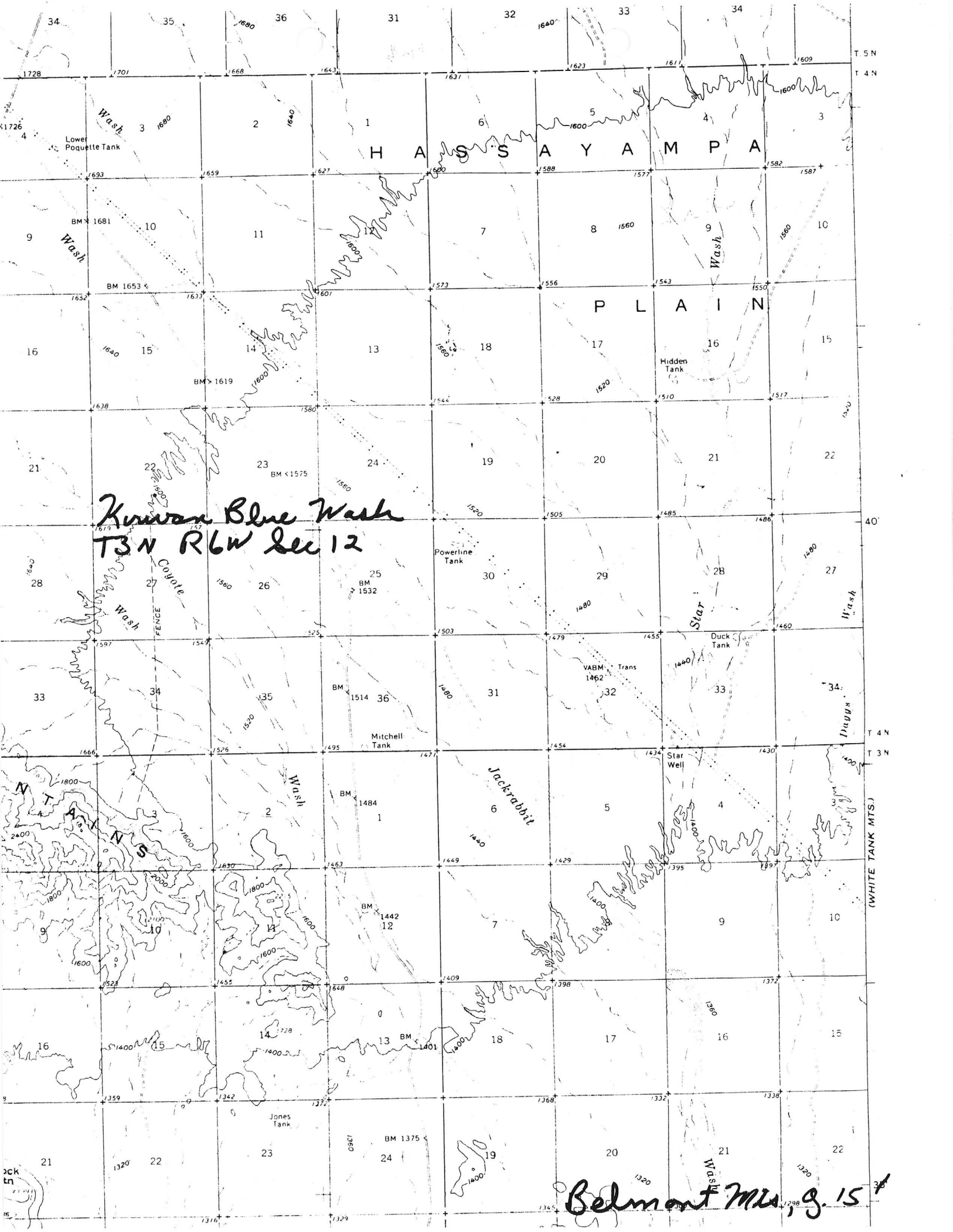
LOCATION: TOWNSHIP 3 N RANGE 6 W SECTION 12 QUARTER NE  
LATITUDE: N 33DEG 37MIN 05SEC LONGITUDE: W 112DEG 49MIN 14SEC  
TOPO MAP NAME: BELMONT MTS - 15 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:  
SILVER  
GOLD LODE

BIBLIOGRAPHY:  
ADMMR KIRWAN BLUE WASH FILE





*Kuron Blue Wash  
T3N R6W Sec 12*

*Belmont MA, 9.15.14*

KIRWAN BLUE WASH

MARICOPA COUNTY

NJH WR 8/19/85: Gerry Kirwan (c) called and reported that thiourea leaching will allow recovery of the values at his placer property the Kirwan Blue Wash (f) Maricopa County. Purported recovery will be 80% of the following: .55 oz/ton Platinum, .2 oz./ton gold, and .3 oz/ton palladium. Production is planned for the near future.

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RRB WR 7/19/85: Gerry Kirwan reports that he has 60 association placer claims west of Buckeye which he estimates 50 feet of depth running  $\frac{1}{4}$  oz gold and .55 oz platinum group per ton. He says he has hundreds of assays by the aqua-regia method averaging .25 oz Au., .50 oz Pt., .09 oz Pd and .018 oz Rb. He has 20 ton per day pilot plant east of Hassayampa, 6 to 7 miles due north of I-10, which uses a new hydro metallurgical concept developed by him and others which he estimates will get at least 80% recovery at \$130 per ton. He estimates ore value at \$320 per ton which with 80% recovery yields \$240 per ton. Cost per ton is \$130 leaving a profit of \$110 per ton of ore. He is using 30 pounds per ton of Thiourea which costs him \$1.50 per pound. He has had chemical analyses of ore done by Fred Kircher of Medford, Oregon and wanted to know if metallurgical testing, panning, electrostatic concentration tests, prospecting, and auger holes are usable as assessment work. I talked to Allan Rabinoff of the BLM and he agreed with me that none qualify as assessment work but the auger holes.

---

GOLDERA?

NJN WR 9/13/85: It was reported that Golden Acre is the company working with Gerry Kirwan (c) on the Kirwan Blue Wash (f). They plan to have Bondair-Kregg use their "special" assay process to confirm the platinum and palladium values they have reported.

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NJN WR 6/27/86: Dick Parks, geologist, BLM Phoenix office, reported that Wayne Palmer, associated with Goldera Resources Inc (c) has a small plant on private land just east of the Hassayampa River on Indian School Road. This is the area of T2N R5W Secs 23 or 26 and is part of a larger group of placer claims referred to in our Kirwan Blue Wash (f) Maricopa County.

---

KIRWAN BLUE WASH

MARICOPA COUNTY

RRB WR 7/31/87: Gerry Kirwan reports that his experimental program on desert sands ten miles north of the Palo Verde Power Plant is successful and that he has financing to set up a production plant. He screens to minus 1/4 ", grinds in a ball mill to minus 60 M and makes a table concentrate that he processes with a "chelate leach" to extract all of the precious metals. He says that these sands cannot be fire assayed and that he found the precious metals by smelting them. He calls it Kirwan Precious Metals Ore Body (Kirwan Blue Wash - file) Maricopa County.

---

OFFICE STATEMENT

DATE 11-11-76

Bill Hanna - Melvin Sheeran

2401 E. Cholla

Phoenix, Arizona 85028

ORE-TECH LABORATORIES, Incorporated

P.O. BOX 174, SCOTTSDALE, ARIZONA 85252 (602) 945-2110

MINERAL ORES · PROCESS RESEARCH AND DEVELOPMENT · PRODUCTION EXTRACTION PROCESSES

Field examination of property near Bouse Arizona

\$100 00

**GERALD L. KIRWAN, B.Sc., P.Eng.**

CONSULTING GEOLOGICAL ENGINEER

611 W. Gibraltar Ln.  
Phoenix, Arizona 85023  
(602) 993-1852

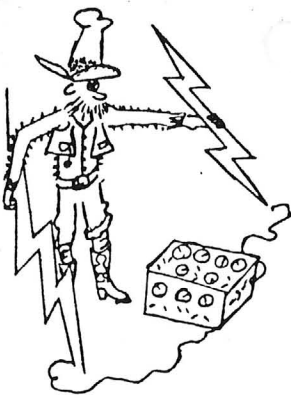


May 17, 1977

For a period of six months from date hereon in order to consummate a deal situation from proven precious metals ore contained in one square mile of Blue Wah ground, south southwest of Wickenburg, Arizona, as noted in my report of January 22, 1977, the undersigned herewith extends to Mr. John Durkin of Phoenix the right to execute a deal amenable to all parties in one square mile of such ground located within R5 and R6 W, and T3N, T4N, T5N area, Vulture mining District such that all books are open to all parties and said Durkin receives 15% profit from production.

  
G.L. Kirwan





# Geo-Mineral Verification

USING  
Induced Polarization

Ralph Dommin  
1638 East Kaler Dr.  
Phoenix, Arizona 85020

Phone  
1-602-943-7336

Commodities Unlimited, Inc.  
P.O. Box 22096  
Phoenix, Arizona 85028

February 25, 1977

Dear Mr. Finell;

Here is a rough draft of what I found yesterday (in the rain) of your Little Pan claims.

The elevation is not correct (Barometric pressure changes in storms) but footage in depth is correct from surface.

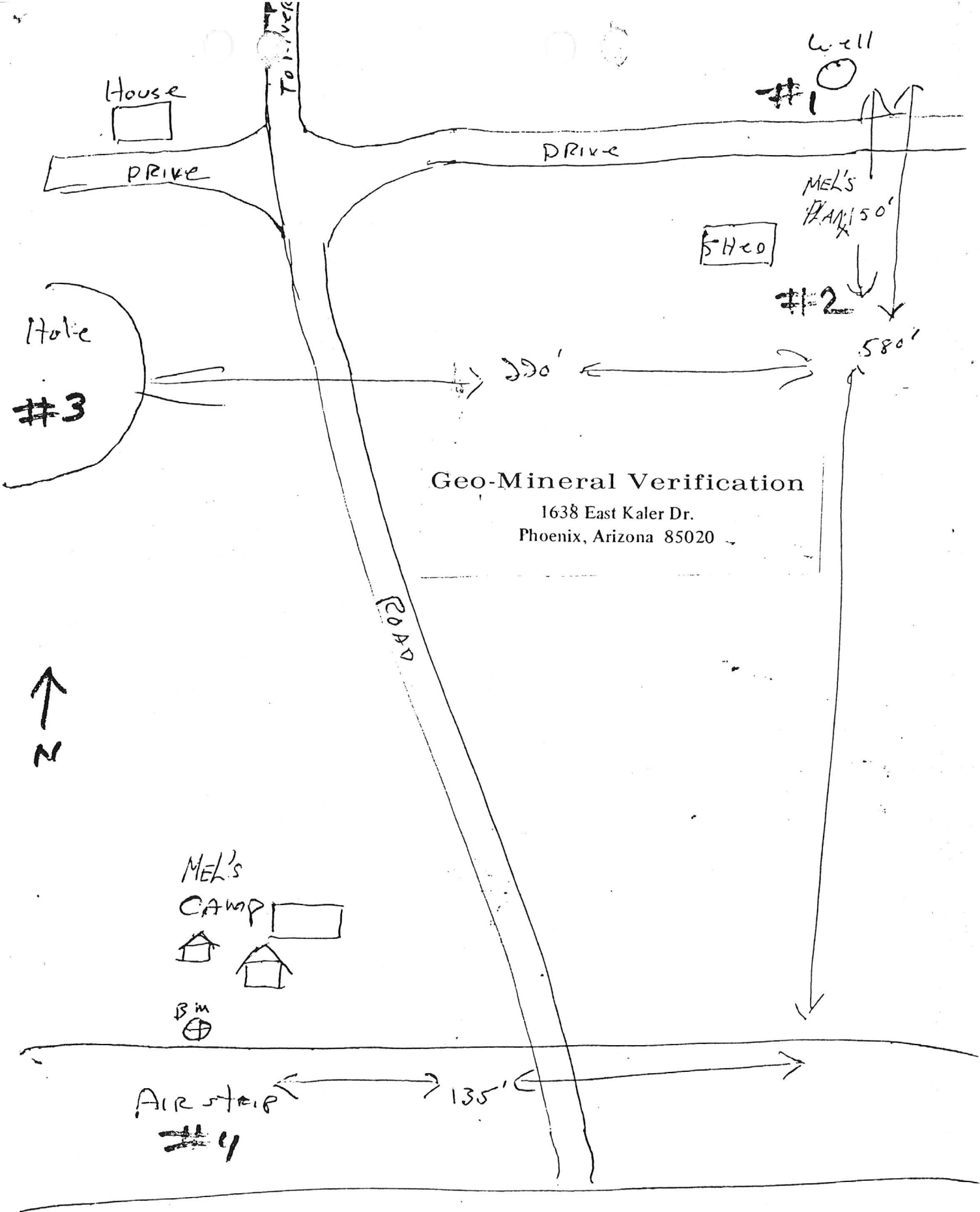
It appears to me that you have more soft material under the hard layer than you have on surface. On top averages  $2\frac{1}{2}$  million yards and under hard layer averages 6 million yards.

Any questions?

Yours truly,

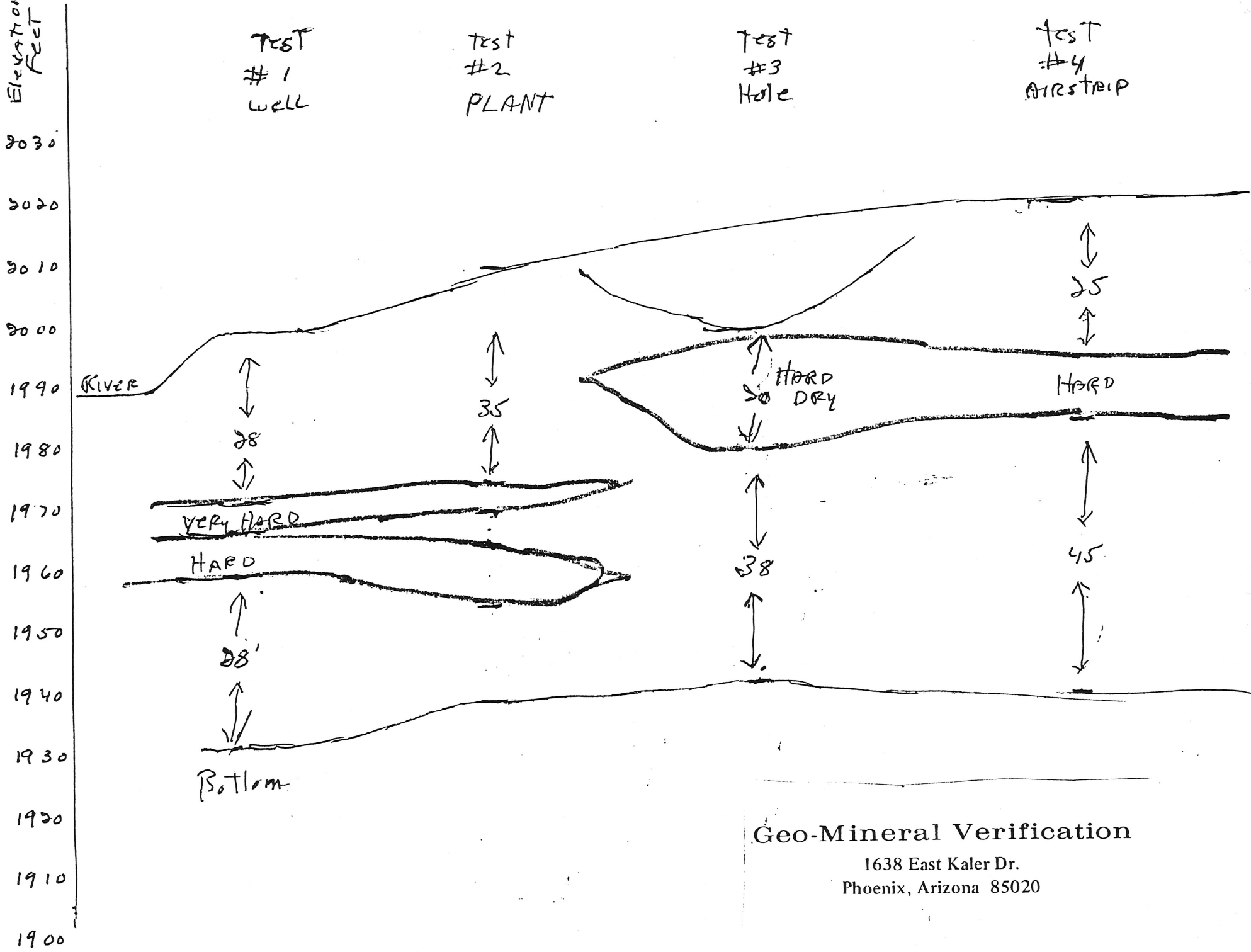
*Ralph Dommin*

Ralph Dommin



Geo-Mineral Verification

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Phoenix, Arizona 85020



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Phoenix, Arizona 85020

GERALD L. KIRWAN,

B.Sc., P.Eng.

CONSULTING GEOLOGICAL ENGINEER

611 W. Gibraltar Ln.  
Phoenix, Arizona 85023  
(602) 993-1852

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EXPLORATION  
ENGINEERING



P R I V A T E  
P A R T I P A T I O N

KIRWAN-MOJAVE MINE, GOLD-SILVER-PLATINUM GROUP PRECIOUS METALS.

MOJAVE AREA, SOUTHWESTERN CALIFORNIA

1. WITH ABUNDANT LUCK, \$300,000 OF MY OWN FUNDS GAMBLED, AND STRINGENT ADHERENCE TO PROVEN ENGINEERING TECHNIQUES, I HAVE BEEN MOST FORTUNATE IN DISCOVERING AND NOW OWNING WHAT IS REGARDED AS LIKELY THE LARGEST OPEN PIT OREBODY OF ITS KIND AT LEAST IN NORTH AMERICA. (Net worth in ground over \$37 billion estimated)
2. CONTRACTS ARE BEING CONCLUDED WHEREBY REPUTABLE FINANCIAL ENTITIES WILL COMMENCE MINING-PROCESSING THE PRECIOUS METALS ORE, ALL COSTS TO THEIR ACCOUNT. 40% OF TOTAL PROFITS ACCRUE TO MYSELF. AS A MINIMUM PROFIT PER TON OF \$35 IS EVIDENCED (See report of Nov. 4th, 1976), TREATING ONLY 1,000 TONS/DAY EQUATES TO \$14,000 BEING CREDITED TO MY ACCOUNT DAILY. (More than 30,000 tons per day can easily be treated; \$14,000/day equates to over \$4 millions/year)
3. IN ORDER TO ACCUMULATE FUNDING TO EVALUATE MORE FULLY A SIMILAR PRECIOUS METALS OREZONE NEARBY, I AM ACCEPTING A LIMITED AMOUNT OF PRIVATE PARTICIPATION. THE PAYBACK IS 400% OF FUNDS PLACED. TOTAL PAYBACK IS DUE IN 12 MONTHS FROM INITIAL ECONOMIC PRODUCTION, SAY ABOUT 18 MONTHS FROM PRESENT DATE. PARTICIPANTS SECURITY IS GUARANTEED BY EQUITY IN GOLD-SILVER-PLATINUM GROUP ORE ON KIRWAN PROPERTY. (Potential participants may examine orezone and sample-assay such, and have access to pertinent documentation)
4. BY PARTICIPANT ACCEPTING 400% PAYBACK "IN KIND" (ie gold bullion) AND OBTAINING NORMAL BANK LOAN WITH THIS COLLATERAL, NO INCOME TAX IS APPLICABLE ON PROFITS (unless bullion sold)
5. A MINIMA OF \$1,000 PER PARTICIPANT IS REQUIRED, HOWEVER A MINIMA OF \$10,000 IS MORE SUITABLE. A SIMPLE LEGAL NOTE SUFFICES FOR THE TRANSACTION AND ORE ASSIGNMENT, CONSUMATED BY PROFESSIONALS, IF DESIRED. PERSONAL LIABILITY FOR PRIVATE PARTICIPANTS IS NIL.
6. IF A PARTY IS AGENT FOR ANOTHER IN PARTICIPATION, 15% OF SUCH FUNDING IS DUE THE AGENT OR AT AGENT'S DISCRETION HE IS DUE 30% EQUIVALENT VALUE IN ORE ON KIRWAN PROPERTY WITH FREE MILLING TIME USING PROPERTY FACILITIES, OR A COMBINATION OF THE TWO BONUSES WITH RELATIVE PROPORTIONS NEGOTIABLE.

ASSIGNMENT OF MINING CLAIMS

THIS ASSIGNMENT OF CERTAIN MINING CLAIMS is made effective  
June 1, 1977 by and between=

EUAL BRITTON (Sub-Assignor)  
and  
JOHN DURKIN (Sub-Assignee)

WITNESSETH

NOW, THEREFORE, for valuable consideration paid to sub-assignor,  
the receipt and sufficiency of which is hereby acknowledged by  
sub-assignor, and in consideration of the covenants hereinafter  
set forth, sub-assignor and sub-assignee, agree as follows:

THE ASSIGNED PREMISES shall mean all the rights, title, and  
interest now owned or hereafter acquired by sub-assignor in and  
to unpatented mining claims owned by the Roman Catholic Church as  
follows:

- |                  |        |       |       |
|------------------|--------|-------|-------|
| 1) Topaz Claim   | Sec 14 | R 22E | T 20S |
| 2) Delhi "       | Sec 15 |       | "     |
| 3) Lucknow "     | "      |       | "     |
| 4) Silver Bell " | "      |       | "     |
| 5) Red Top , "   | Sec 16 |       | "     |
| 6) Clipper "     | "      |       | "     |
| 7) Merrimac "    | "      |       | "     |

IN WITNESS WHEREOF, the parties have executed this assignment  
of mining claims effective as of the date first above set forth.

SUB-ASSIGNOR

*Eual Britton*

SUB-ASSIGNEE

*John Durkin*

*[Signature]*  
NOTARY PUBLIC

8/9/77

My Commission Expires May 19, 1981

# ARC LABORATORIES

Division of Arizona Research Consultants, Inc.

9236 NORTH 10TH AVE.

PHOENIX, ARIZONA 85021

943-3573

FOR: Arizona Survey Associates  
6231 N. 35th Ave  
Phoenix, AZ

DATE

6-14-77

LAB No.

14493-513

## RESULTS

Sample No	Gold oz/ton	Silver oz/ton
1	0.01	1.43
2	trace	1.32
3	nil	0.35
4	nil	0.48
5	trace	2.66
6	trace	2.72
7	trace	2.40
8	nil	0.19
9	nil	0.08
10	nil	0.21
11-	0.01	0.39
12	0.01	0.51
13	0.01	0.50
14	trace	0.15
15	0.01	0.17
16	trace	0.46
18	0.01	0.05
19	nil	0.08
20	0.01	2.25
21	0.01	0.17
Big rock	0.01	2.19

Respectfully submitted,  
ARC LABORATORIES

John T. Long, Jr.

Sample submitted by: Eual Britton DATE 3-19-77

602 W. Indian School Rd., Phoenix Arizona 85013

Sample description: Green & White Rock OTL11946

WET CHEMICAL - PRECIOUS METALS:

Rhodium	nil
Ruthenium	nil
Palladium	nil
Silver	6.44 oz. p/t
Iridium	nil
Osmium	nil
Gold	0.04 oz. p/t

*ROMAN Catholic  
CHURCH PROPERTY  
RED TOP CLAIM  
TOMB STONE, A?*

*33.75 / ton  
gross  
10 process  
23.75 / ton  
net*

Spectrograph reports must be given in a range rather than an exact figure. However, the particular model spectrograph which OTL uses, is superior in that it detects metals that could be overlooked by other methods of determination. It is especially suited to the trace and near trace elements.

The above figures are not necessarily indicative of the values obtainable by conventional extraction methods. All quantities shown in 'ounces per ton'.

Most samples containing the platinum group metals are of a 'complex' nature. In the make-up of these 'complexes' are many 'unstables' that tend to outweigh the 'stable' portion and act to suppress, or even prevent, the extraction of the 'stables'. OTL has been successful in overcoming this problem. We have established what we believe to be all the required basic production processes for the extraction of the precious metals from domestic ores.

OTL is equipped to perform the research needed to establish the feasibility and adaptability of ores to the OTL RECOVERY METHODS.

TEST FEE \$25.00 PD.

*V.L. Seaman*  
V.L. Seaman



ORE-TECH LABORATORIES, Incorporated

P.O. BOX 21695, PHOENIX, ARIZONA 85036 (602) 254-8196

MINERAL ORES · PROCESS RESEARCH AND DEVELOPMENT · PRODUCTION EXTRACTION PROCESSES

CONCRETE

PHONE 346-5731  
R. L. MADDEX

BOX 1077

DOUGLAS, ARIZONA 8 77

TRUCKING &  
CRUSHING SERVICE

Aug. 12, 1977

Eual Britton Pres.  
4512 North 59th. Drive  
Phoenix Ariz. 85033

Dear Sir:

After my conversation with you on the tel. we had a Corporation meeting. We discussed my quote to you on hauling from the Cobra Loma Mine of \$3.30 a ton. I am sorry to say we decided after much consideration, we would have to get \$3.50 per wet ton.

After 30 day trial bassies we will reevaluate and adjust accordingly.

You also mentioned crushing at Tombstone.

Here are the prices we agreed upon.

#3/4" minus \$1.75 per ton.

# 1" minus \$1.60 per ton.

# 1-1/2" minus \$1.50 per ton.

We bill on the 1st. of every month & expect payment by the 10th. If no payment is received by the 21st. we cease operations until payment is received.

Sincerely,

*R. L. Maddux*  
R. L. Maddux

L. R. Maddux

TOMBSTONE SILVER DUMPS



**GERALD L. KIRWAN,** B.Sc., P.Eng.

CONSULTING GEOLOGICAL ENGINEER

611 W. Gibraltar Ln.  
Phoenix, Arizona 85023  
(602) 993-1852

CONSULTING  
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F R E D F I N E L L

P R E C I O U S M E T A L S H O L D I N G S

B L A C K C A N Y O N A R E A

C E N T R A L A R I Z O N A

PHOENIX, ARIZONA  
MARCH 3, 1977

**GERALD L. KIRWAN, B.Sc., P.Eng.**

CONSULTING GEOLOGICAL ENGINEER

611 W. Gibraltar Ln.  
Phoenix, Arizona 85023  
(602) 993-1852



February 23, 1977

PROPOSAL: RE WICKENBURG MINING PROPERTY

Relative to my report dated January 22, 1977, "KIRWAN BLUE-WASH MINE" covering vast deposits of gold-silver-platinite group metals south of the city of Wickenburg, Arizona, and contingent upon a meeting between ourselves February 20, 1977 in reference to a portion of this orebody, the following is proposed:

1. Kirwan shall place into escrow eight mining claims, all contiguous, staked in accordance with respective mining laws, to wit: claims 1-8 incl., northeast quadrant section 12, T3N, R6W, Vulture Mining District.
2. The subject mineral claims were appraised by the undersigned through a single sample taken over an area of 2,000 square feet and assayed through Standardized Wet Chemical Determinations by W. Luegge, P.E., Lancaster, California with following results: Gold, 1.84 ounces per ton, silver 15.00 ounces per ton. Confirmation was obtained through smelting of the subject 150 pound sample with results compatible with Luegge's results.
3. A Joint Venture arrangement is proposed whereby 60% of the Net Operating Profit can be earned by yourself and agents by a) evaluating such claims as per recommendations in my report, b) placing subject property into economic production. Initial evaluation shall cost about \$1,000 relative to the three extractive processes outlined in report, thence pre-production batch research prior to erection of extraction plant, all estimated at \$15,000. Cost of mill facility is estimated at \$360,000 plus earnest money of \$30,000 proportional to funds advanced by yourself. You are entitled to 10% of such funding and 10% of profits derived from production. Total estimated cost is therefore \$449,000 to perform extractive research, place mill facility on property

**GERALD L. KIRWAN, B.Sc., P.Eng.**

CONSULTING GEOLOGICAL ENGINEER

611 W. Gibraltar Ln.  
Phoenix, Arizona 85023  
(602) 993-1852



- rated at about 100 tons per day of subject precious metals ore, including earnest money.
4. Gerry Kirwan and Associated Ltd., an Incorporated company, shall be Operator. All research work shall be performed by Kirwan or under his direction and supervision, and all previous work so performed and knowledge gained elsewhere shall be part and parcel of this agreement.
  5. Time is of the essence. Subject mineral claims noted in paragraph 1 are made available for a period of 40 days from date hereon. Force Majeure measures are effective as riots, government intervention, breakdown of equipment, shortage of mechanical parts, etc.
  6. All books, properly kept, are available to both parties, and all work may be overseen by both parties.
  7. Net Operating Profit is described as that profit prior to tax derived from sale of gold, gold-silver, gold-silver-platinate products or a combination of these less all direct cost as mining-processing inclusive of all overhead as wages, fees, equipment purchases and rentals, insurances, etc.
  8. Profit may be taken "in kind" as gold, silver, platinate group metals or a combination of these metals in bullion or in concentrate form.
  9. Allowing 40 days from date hereon for commencement of research work and evaluation of property, and a period of 60 days to perform such work with a further 30 days grace period, the 130 days shall see the commencement of purchase of mill facilities for extraction with 60 days further as grace upon commencement of erection of plant. A 4 month period shall be allocated for plant erection plus 60 days grace period.

If you agree with this proposal, please sign a copy herein and return.

\_\_\_\_\_  
G.L. KIRWAN

F R E D F I N E L L

P R E C I O U S M E T A L S H O L D I N G S

C E N T R A L A R I Z O N A

INTRODUCTION:

REPORT HEREIN IS RELEVANT TO THE ECONOMIC VIABILITY OF LARGE TONNAGES OF GRAVEL MATERIAL CONTAINING ECONOMIC AMOUNTS OF GOLD AND OTHER PRECIOUS METALS.

SUBJECT REPORT APPRAISES MINEABLE TONNAGES OF THE PLACER OPERATION WITH RECOMMENDATION FOR IMMEDIATE MINING.

PROPERTY, LOCATION, ACCESS:

THE SUBJECT PROPERTY CONSISTS OF A SINGLE ASSOCIATION PLACER CLAIM OF 160 ACRES TOTAL, ALL OVERLAIN BY LODE CLAIMS. ADJACENT ON THE NORTH TO THIS LAND PARCEL IS A GROUP OF LODE CLAIMS REFERRED TO AS "LOBO 1-9" IN THE SOUTHEAST CORNER OF SECTION 20 AND SOUTHWEST CORNER OF SECTION 21, T8N, R2E. THE "LITTLE PAN" PLACER IS SITUATED

*40-100 (Black Canyon City)*

IN MARICOPA COUNTY, WHILE THE "LOBO" CLAIMS ARE LOCATED IN YAVAPAI COUNTY, TIP TOP MINING DISTRICT.

LOCATED SOME 40 MILES NORTH OF PHOENIX, ARIZONA, FRED FINELL'S PRECIOUS METALS PLACER PROPERTY IS EASILY REACHED VIA INTERSTATE I-17 NORTH FROM PHOENIX RAMPING OFF AT TABLE MESA ROAD AND TRAVELLING ABOUT FIVE MILES NORTHWEST TO THE AGUA FRIA RIVER, SITE OF "LITTLE PAN" PLACER CLAIMS.

GEOLOGY: SOURCE AND ENRICHMENT CONTROLS:

STUDY OF THE PROPERTY COUPLED WITH RESEARCH INTO GOVERNMENT PUBLISHED MAPS AND REPORTS, SHOWS GRAVEL MATERIAL UNDERLYING THE "LITTLE PAN" PLACER TO BE ALLUVIAL AND LACUSTRINE DEPOSITS OF PLIOCENE AGE.

BETWEEN THE "LITTLE PAN" AND THE "LOBO" CLAIMS, A 100 FT VERTICAL ESCARPMENT EXISTS SUGGESTING THE AGUA FRIA OCCUPIES A FAULT ZONE WITH THE NORTHERN PORTION ONTO WHICH THE "LOBO" CLAIMS ARE LOCATED AT HIGHER ELEVATION.

THE "LOBO" CLAIMS ARE SHOWN TO BE UNDERLAIN BY PRECAMBRIAN VOLCANIC LAVA OF THE YAVAPAI SERIES, REFERENCE "GEOLOGIC MAP OF ARIZONA" PUBLISHED BY THE ARIZONA BUREAU OF MINES AND UNITED STATES GEOLOGICAL SURVEY, 1969.

WITH REFERENCE TO DEPOSITION OF PRECIOUS METALS ON THE "LITTLE PAN" PLACER CLAIM, IT IS ECONOMICALLY SIGNIFICANT THAT THE AGUA FRIA

RIVER COMPLETES A COMPACT "Z" TURN RESULTING IN A SLOW DOWN OF THE FORMER FAST-MOVING RIVER THUS ACCOUNTING FOR ENRICHMENT OF GOLD MATERIAL ON THE FRED FINELL PLACER. LARGE BOULDERS SIGNIFY THIS OCCURRENCE. FURTHER, TODAY'S EVIDENCE STRONGLY INDICATES THE SUBJECT PLACER IS UNDERLAIN BY ALLUVIAL MATERIAL FROM A "SLIP-OFF" SLOPE RECOGNIZED AS A LIKELY LOCATION FOR HEAVY METAL DEPOSITION. IT IS ALSO SIGNIFICANT THAT THE SUBJECT PLACER COVERS AN AREA OF SOME 1200 FT. EAST-WEST, 1400 FT. NORTH-SOUTH CONSISTING OF HEAVY BOULDERS LOCATED ALONG THE MORE ANCIENT PORTION OF THE SLIP-OFF SLOPE WHERE GREATER AMOUNTS OF GOLD AND OTHER PRECIOUS METALS SHOULD BE LOCATED.

PARTICLES OF GOLD AND SILVER ALONG WITH PLATINATE GROUP METALS, DERIVED THROUGH YEARS OF WEATHERING OF UPSTREAM ROCKS RELATIVELY RICH IN THESE METALS; CARRIED BY THE FORMER FAST-FLOWING AGUA FRIA RIVER TO THE PRESENT FINELL LOCATION, HAVE BEEN DEPOSITED IN SLIP-OFF SLOPE GRAVELS WHERE THE RIVER HAS SLOWED THUS ENRICHING THE PLACER MATERIAL WITH ORE GRADES AS INDICATED BY RESEARCH TO DATE.

TONNAGES, ORE GRADES, DOLLAR VALUES:

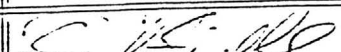
EMPLOYING GEOPHYSICAL METHODS VERY RECENTLY ON THE FINELL HOLDINGS, THE AREA CONTAINING HEAVY BOULDERS RICHER IN PRECIOUS METALS THAN THE SURROUNDING AREA MEASURING 1200 FT. BY 1400 FT., IS SHOWN TO HAVE A DEPTH OF AN AVERAGE 30 FT. WHERE THE GRAVEL BOTTOMS OUT ON A THIN LEDGE OF LAVA. USING A FACTOR OF 13, THE ENRICHED ZONE THEN

CONTAINS 3.87 MILLION TONS OF ORE EQUATING TO 2.6 MILLION CUBIC YARDS OF PRECIOUS METALS BEARING MATERIAL.

THIS TOP LAYER IS CHARACTERISTICALLY REDDISH COLORED INDICATIVE OF IRON OXIDE CONTENT, A RECOGNIZED NATURAL PRECIOUS METALS COLLECTOR. THE TOP LAYER MAY BE APPRECIABLY LARGER LATERALLY THAN INDICATED.

VERTICALLY BELOW THE 10 FT. WIDE, FLAT-LYING LAVA FORMATION, OR SOME 40 FT. VERTICALLY FROM SURFACE, IS INDICATED A FURTHER SIX MILLION YARDS OF GRAVEL MATERIAL. CONSIDERING THAT THE LAVA IS PRECAMBRAIN AGE, THEN THE UNDERLYING GRAVEL DEPOSIT IS INDEED MOST ANCIENT AND MAY WELL BE INORDINATELY COPIOUS IN GOLD, SILVER, AND THE PLATINATE GROUP METALS. ROTARY DRILLING FROM SURFACE WOULD SOON DETERMINE EXTENT OF MINERALIZATION OF THE UNDERLYING ZONE.

EXTRACTIVE RESEARCH AND GRADE DETERMINATIONS HAVE BEEN PERFORMED BY MR. FINELL, WELL PRACTISED IN HIS PROFESSION, SUCH THAT UTILIZING GRIZZLY, TROMMEL, AND SLUICE FACILITIES CAPABLE OF PROCESSING 40 YARDS PER HOUR, SUCH FACILITIES LOCATED ON THE SUBJECT ORE DEPOSIT, 32% OF BANK RUN AT 1/4" MINUS AVERAGES IN FREE GOLD 1/10TH TO 1/4 OUNCES GOLD PER YARD. GOLD PER YARD RECOVERED MECHANICALLY RANGES FROM \$14.00 TO \$35.00, WHILE COSTS TO EXTRACT THIS AMOUNT OF FREE GOLD WOULD NOT EXCEED \$2.50 PER YARD. NET OPERATING PROFIT PER YARD IS THEN \$11.50 TO \$32.50. PROCESSING 40 YARDS PER HOUR ON AN EIGHT HOUR SHIFT FOR 320 YARDS, 32% OR 102 YARDS WOULD YIELD \$1173 TO \$3315 PER WORKING DAY, OR \$25,006 TO \$72,930 PER 22 DAY MONTH PROFIT. INCREASED PROFIT MAY BE REALIZED BY OPERATING TWO OR EVEN THREE EIGHT HOUR SHIFTS TO DOUBLE OR TRIPLE PROFITS.



IT IS THE WRITER'S UNDERSTANDING THAT FREE GOLD RECOVERY WITHIN THE IDENTICAL DOLLAR VALUES AS HEREIN NOTED HAS BEEN PERFORMED BY OTHER PARTIES SUPPORTING MR. FINNELL'S VALUES.

IT IS ENCOURAGING THAT IN PLACER DEPOSITS GOLD CONTENT ENRICHES WITH DEPTH, THUS AT THE 30 FT. HORIZON ATOP THE LAVA BED MUCH HIGHER GRADE GOLD MATERIAL MAY BE EXPECTED TO BE RECOVERED.

OVER AND ABOVE FREE GOLD RECOVERY, 28% OF THE 32% OF BANK RUN CAN BE CONCENTRATED INTO HEAVY FRACTION. ASSAYS TO DATE INDICATE THAT A TON OF THIS MATERIAL HAS A DOLLAR VALUE OF \$1500. PROFIT FIGURE WOULD INCLUDE COSTS OF EXTRACTING THE GOLD, SILVER, AND PLATINATE GROUP METALS PHYSICALLY OR CHEMICALLY UNITED IN THE HEAVY MEDIA FRACTION, AND COULD COST AS MUCH AS \$700 PER TON. NONETHELESS, \$800 PROFIT PER TON OF HEAVY MEDIA CONCENTRATE COULD BE REALIZED.

CONCLUSIONS AND RECOMMENDATIONS:

LOCATED IN AN AREA OF EASY ACCESS, ALL YEAR WORKING CONDITIONS, ADJACENT TO NORMAL TRANSPORTATION ROUTES, NEAR LABOR AND COMMODITY CENTRE, MR FINELL HAS DISCOVERED AN APPARENTLY LARGE AND RICH HIGHLY PROFITABLE FREE GOLD PRODUCER.

GEOLOGICAL CONTROLS FOR DEPOSITION AND ENRICHMENT INCLUDE GOLD SOURCE ROCKS UPSTREAM, MECHANICAL CONCENTRATION THROUGH RIVER STREAM SLOWING, AND SLIP-OFF SLOPE CHARACTERISTICS. IRON OXIDE ASSISTS IN COLLECTING AND HARBORING GOLD.



SOME 2.6 MILLION TONS OF FREE GOLD-BEARING GRAVELS HAVE BEEN INDICATED. 32% OF BANK RUN RANGES \$11.50 TO \$32.50 PER YARD NET OPERATING PROFIT, WHICH EQUATES TO \$25,006 TO \$72,930 PER 22 DAY MONTH BASED ON EIGHT HOUR SHIFT AND 40 YARDS PER HOUR TREATMENT. BOTH YARDAGE TREATED AND DAILY HOURS RUN CAN BE INCREASED TO CREATE GREATER PROFIT.

IT IS HIGHLY ECONOMICALLY SIGNIFICANT THAT 28% OF THE 32% BANK RUN, AFTER FREE GOLD HAS BEEN EXTRACTED, CREATES A CONCENTRATE OF GOLD-SILVER-PLATINATE METALS OF VALUE \$1500 PER YARD. IT IS POSSIBLE AS MUCH AS \$700 PER YARD MAY BE SPENT IN CAPTURING OR EXTRACTING VALUES REALIZING A PROFIT OF \$800 PER YARD OF CONCENTRATE.

IT IS ECONOMICALLY SIGNIFICANT THAT PLACER DEPOSITS INCREASE IN GOLD VALUES WITH DEPTH, MAXIMUM GRADE AT LOWEST LEVEL OF PLACER. IN THIS INSTANCE AN AVERAGE 30 FT. BELOW SURFACE ON LAVA LEDGE.

A FURTHER ANCIENT GRAVEL DEPOSIT EXISTS BELOW THE ABOVE NOTED DEPOSIT COMMENCING 40 FT. FROM SURFACE. THIS ZONE CONTAINS SOME SIX MILLION CUBIC YARDS OF MATERIAL.

IT IS RECOMMENDED THAT "PROOF THROUGH PRODUCTION" PRINCIPLES BE APPLIED. THE PRESENT MILL FACILITY ON THE PROPERTY CAN BE UTILIZED TO PROCESS ORE MATERIAL, AND RETURN A GOOD PROFIT SIMULTANEOUSLY, THUS PROVING RICHNESS OF GRAVEL ZONE AND APPLICATION OF MECHANICAL METHODS OF RECOVERY OF FREE GOLD. FURTHER, A CONCENTRATE CAN BE PRODUCED WITH RESIDUE AFTER FREE GOLD EXTRACTED AND EXPERIMENTATIONS SHOULD BE COMMENCED TO ECONOMICALLY EXTRACT PRECIOUS METALS FROM THIS

*Bud Small*

CONCENTRATE YIELDING YET ANOTHER AND POSSIBLY MORE PROFITABLE  
PRECIOUS METALS SOURCE FROM THE SAME GRAVEL MATERIAL.

IT IS FURTHER RECOMMENDED THAT EXAMINATION AND EVALUATION OF THE  
ANCIENT DEPOSIT BELOW THE THIN LAVA BED BE CONDUCTED THROUGH  
ROTARY DRILLING FROM SURFACE. THIS CARRIES A TWO-FOLD PURPOSE  
INSOMUCH THAT THE TOPMOST GRAVEL DEPOSIT KNOWN TO CARRY ECONOMIC  
FREE GOLD VALUES MAY BE EXAMINED AT DEPTH, IN FACT ALL THE WAY FROM  
SURFACE TO BOTTOM, WHILE INVESTIGATING THE LOWER ANCIENT DEPOSIT.

ESTIMATED COSTS TO CONDUCT RECOMMENDED WORK PROGRAMS ARE AS FOLLOWS:

1. \$30,000 TO CONDITION PRESENT EXTRACTIVE EQUIPMENT ON PROPERTY  
TO WORK EFFICIENTLY IN PROCESSING SOME 40 TONS PER HOUR OF  
BANK RUN, ALL-INCLUSIVE OF OPERATING CAPITAL.
2. EXTRACTIVE RESEARCH OF CONCENTRATE FROM BANK RUN TO CAPTURE  
GOLD, SILVER, AND PLATINATE GROUP METALS, SAY \$10,000
3. ROTARY DRILLING: \$30,000, INCLUDING ENGINEERING-ASSAYS.  
(Note: profit from #1 above may be used here)

FURTHER WORK INCLUSIVE OF ENLARGING EXTRACTIVE PLANT FACILITY IS  
CONTINGENT UPON RESULTS OF RECOMMENDATIONS.



G.L. KIRWAN

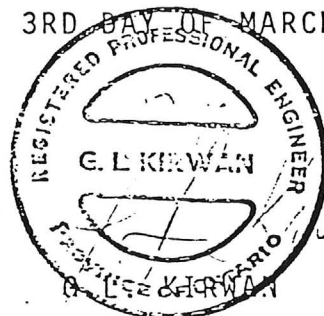
PHOENIX, ARIZONA,  
MARCH 3, 1977

C E R T I F I C A T E

I, GERALD L. KIRWAN OF THE CITIES OF VANCOUVER, CANADA, AND PHOENIX, CERTIFY AS FOLLOWS:

1. THAT I AM A CONSULTING GEOLOGICAL ENGINEER MAINTAINING OFFICES AT 1331 CHARTWELL DR. NORTH VANCOUVER, AND 611 WEST GIBRALTAR LANE, PHOENIX, ARIZONA, 85023.
2. THAT I HAVE BEEN GRADUATED FROM CARLETON UNIVERSITY, B.SC., 1957, AND THAT I HAVE PRACTISED MY PROFESSION CONTINUOUSLY ALONG WITH MINOR TEACHING-STUDING IN 1958, UNIVERSITY OF MISSOURI.
3. THAT I RECEIVED PROFESSIONAL EXPERIENCE AND KNOWLEDGE WITH UNITED STATES STEEL CORP., NEWMONT MINING CORP., BRITISH PETROLEUM CORP., AND NORANDA MINES LTD., ALL ALONG WITH 16 YEARS AS AN INDEPENDANT EXPLORATION-DEVELOPMENT-MINING CONSULTANT.
4. THAT I AM REGISTERED WITH THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF ONTARIO AS A PROFESSIONAL ENGINEER, I AM A FELLOW OF THE GEOLOGICAL ASSOCIATION OF CANADA, AND A MEMBER OF THE CANADIAN INSTITUTE OF MINING AND METALLURGY.
5. THAT REPORT HEREIN IS BASED UPON ALL PERTINENT DATA RELATIVE TO FRED FINELL'S PRECIOUS METALS PROPERTY, THAT THE REPORT IS FACTUAL BASED UPON NORMAL ENGINEERING PRACTISES, AND PRESENTS FAIRLY FINDINGS TO DATE FROM OTHER PARTIES RESEARCH AS RELATED TO MYSELF, AS WELL AS A PERSONAL FIELD STUDY MARCH 1, 1977.
6. THAT THIS REPORT IS A PRIVATE REPORT PREPARED AS A NORMAL SEQUENCE TO A MINING OPERATION, AND IS NOT TO BE MISCONSTRUED AS AN APPEAL FOR FUNDING, AND SHALL NOT BE USED IN A PROSPECTUS NOR MADE PUBLIC.

DATED AT PHOENIX, ARIZONA, THIS 3RD DAY OF MARCH, 1977.



SALIENT FEATURES; FRED FINELL HOLDINGS, GOLD PROPERTY, BLACK CANYON AREA, CENTRAL ARIZONA:

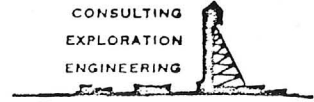
1. EXTRAORDINARILY COPIOUS AMOUNTS OF FREE GOLD ALONG WITH SILVER AND PLATINATE METALS IN CONCENTRATES IN OPEN PIT GRAVEL DEPOSITS.
2. GOLD AND OTHER PRECIOUS METALS OCCUR FROM SURFACE DOWNWARDS.
3. EXTRACTION IS AMENABLE TO PROVEN SIMPLE MECHANICAL METHODS.
4. PROFIT PER CUBIC YARD PROCESSED RANGES FROM \$11.50 TO \$32.50. PROCESSING 40 YARDS PER HOUR ON AN EIGHT HOUR SHIFT YIELDS \$1173 TO \$3315 OR \$25,006 TO \$ 72,930 PER 22 DAY MONTH. INCREASED PROFITS ARE DERIVED FROM PROCESSING MORE YARDS PER DAY.
5. AFTER FREE GOLD REMOVED, CONCENTRATES CAN PRODUCE \$800 PROFIT PER TON FROM SAME MATERIAL.
6. MINING-PROCESSING IS AMENABLE TO INEXPENSIVE OPEN PIT TECHNIQUES WITH FRONT END LOADER AND MECHANICAL FACILITIES.
7. TIME PERIOD IS IMMEDIATE TO PRODUCTION WITH EQUIPMENT ON HAND.
8. NIL WASTE OVERBURDEN, GOLD DERIVED FROM SURFACE DOWNWARDS, INCREASES PROFIT. ORE POTENTIAL IS ALSO FROM A SECOND ZONE BELOW.
9. BLM (FEDERAL) PROPERTY ELIMINATES 5% STATE TAX INCREASING PROFITS.
10. CLIMATE AND OTHER FACTORS MAKE FOR YEAR AROUND PROCESSING.
11. ADVANTAGE OF ESTABLISHED AND GROWING WORLD-WIDE DEMAND FOR GOLD AND OTHER PRECIOUS METALS.
12. EXPEDIENCY ENHANCED AS ENTIRE OREZONE CONTROLLED BY FRED FINELL.
13. PROPERTY ADJACENT TO LABOR, COMMODITY, AND TRANSPORTATION SOURCES.
14. SMELTERS, REFINERIES, END USERS FOR PRECIOUS METALS LOCATED REGIONALLY.
15. EXCEPTIONALLY STABLE GOVERNMENT WITH REALISTIC TAX POLICIES AND COOPERATIVE POLICIES.
16. PRESENTLY BUILT AND COUNTY MAINTAINED ROAD WITH EASY ACCESS TO ALL PORTIONS OF FINELL PROPERTY.

*make copy for Kent  
Judson - 2/22/78  
Gef*



611 W. Gibraltar Ln.  
Phoenix, Arizona 85023  
(602) 993-1852

CONSULTING  
EXPLORATION  
ENGINEERING



SALIENT FEATURES, SILVER-GOLD DUMPS, TOMBSTONE, ARIZONA:

1. CURRENTLY IN MY POSSESSION ARE 1.12 MILLION TONS OF SILVER-GOLD DUMP MATERIAL ALL MINED FROM UNDERGROUND PRIOR TO TURN OF CENTURY WHICH REPRESENTS THE RESIDUE OF HIGHER GRADE PORTIONS OF THE ORE SHIPPED FOR SMELTING INTO SILVER AND GOLD BULLION.
2. ALTHOUGH FROM PROFESSIONALLY PERFORMED ENGINEERING RESEARCH PERFORMED ON THE SUBJECT ORE DUMPS CERTAIN TONNAGES ASSAY UPWARDS FROM 40 OUNCES SILVER PER TON OF DUMP, TO BE CONSERVATIVE ONLY 4 OUNCES SILVER WILL BE USED AS AN ECONOMIC FIGURE FOR THE ENTIRE ORE DUMP ALONG WITH \$10.00 PER TON IN GOLD.
3. SUCCESSFUL LEACHING OF SILVER-GOLD MATERIAL WITH LIGHT SODIUM CYANIDE SOLUTION FROM A LEACH PAD USING ZINC POWDER AS COLLECTOR INTO SALEABLE PRODUCTS OF SILVER AND GOLD IS A PROVEN SYSTEM NOT NEW TO TOMBSTONE, THIS WRITER HAVING BEEN INSTRUMENTAL IN THREE SUCH ENTERPRIZES TO DATE WITH ADVANTAGES THAT SETTING UP AND OPERATING SUCH AN EXTRACTIVE PROCESSING PLANT ARE BOTH SIMPLE AND INEXPENSIVE.

4. ECONOMIC PARAMATERS AND PROJECTED PRO FORMA PROFITS:

A) <u>GROSS REVENUE:</u> SILVER:	1.12 MILL. TONS X 4 OZ. X \$4.40/OZ.	\$19.71 MILLIONS.
	GOLD: 1.12 MILL. X \$10	\$11.12 MILLIONS.
	TOTAL:	\$30.93 MILLIONS
	LESS 40% AS 60% ONLY RECOVERABLE:	- \$12.37
	TOTAL GROSS REVENUE:	\$18.56 MILLIONS

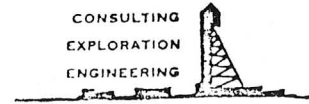
B) COSTS TO PROCESS: PLANT PURCHASE-ERECTION:  
WITH OPERATING CAPITAL: \$ 100,000

OVERALL COSTS PLANT OPERATION, ALL OVERHEAD  
AT ACCEPTED \$3.50/TON: USE \$5.00/TON \$ 5.6 MILLIONS

15% ROYALTY ON PROFIT: (15% OF \$12.87 MILL) 1.92 MILLIONS  
TOTAL OPERATING COSTS: \$ 7.62 MILLIONS

NET OPERATING PROFIT: \$18.56 - \$7.62 = \$10.94 MILLIONS  
(OR \$9.76 PROFIT PER TON PROCESSED)

611 W. Gibraltar Ln.  
Phoenix, Arizona 85023  
(602) 993-1852



C) TIMING: FROM INCEPTION, ALLOW MAXIMUM 60 DAYS FOR PLANT OPERATION AT RATE OF 30,000 TONS SILVER-GOLD ORE ON A SINGLE LEACH PAD TAKING ABOUT 40 DAYS TO ECONOMICALLY EXTRACT (OR 750 TONS/DAY)

UPON SALE OF BULLION, ALLOW 10 DAYS FOR TURN AROUND TIME. SOME SMELTERS AND REFINERIES PAY UP TO 75% OF VALUE OF BULLION UPON RECEIPT THEREOF.

WITH 1.12 MILLION TONS TO PROCESS AT RATE OF 750 TONS PER DAY, ALLOW 1494 WORKING DAYS TO NET \$10.94 MILLIONS PROFIT, OR \$7,322 PER WORKING DAY.

NOTE: NET OPERATING PROFIT CAN EASILY BE RETURNED MUCH FASTER BY SIMPLY ERECTING FURTHER LEACHING PADS AT A COST OF \$5,000 - \$10,000 PER PAD. THUS TWO PADS EACH OF CAPACITY 30,000 TONS SHOULD YIELD NET DAILY PROFIT OF \$14,644/WORKING DAY.

THE ABOVE ECONOMIC PARAMETERS ARE CLOSE TO BEING REALISTIC BASED UPON KNOWLEDGE AND EXPERIENCE OF THE TOMBSTONE AREA. SLIGHT DEVIATIONS MAY EXIST UPON PRODUCTION.

40% PARTICIPATIONAL INTEREST IN THE ENTIRE OPERATION IS FOR SALE FOR AN ACCUMULATIVE \$400,000, OR \$10,000 PER PERCENTAGE POINT. A PERCENTAGE POINT EQUATES TO \$109,400 NET OPERATING PROFIT RETURN.

THE TOMBSTONE OPERATION IS IMMEDIATE.

GERRY L. KIRWAN, *P.Sc., P.Eng.*  
CONSULTING GEOLOGICAL ENGINEER

611 W. Gibraltar Ln.  
Phoenix, Arizona 85023  
(602) 993-1852



March 28, 1977

AGREEMENT BETWEEN DAVE HUDSON, BOX 1015, TOMBSTONE, ARIZONA, AND GERRY KIRWAN-EUAL BRITTON, BOTH OF PHOENIX, ARIZONA.

INASMUCH THAT DAVE HUDSON REPRESENTS HE HAS THE EXCLUSIVE RIGHT TO REPRESENT THE ROMAN CATHOLIC CHURCH, FATHER MARQUETTE, ST. LOUIS, MISSOURI, IN DEALING SILVER DUMPS LOCATED NEAR TO THE CITY OF TOMBSTONE, ARIZONA, THEN DAVE HUDSON HEREBY ASSIGNS SAID DUMPS TO KIRWAN-BRITTON ON THE FOLLOWING BASIS:

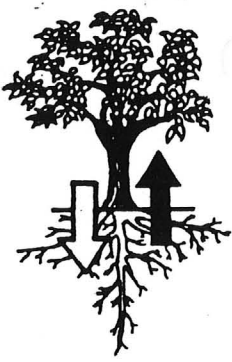
*Received 100.00  
4-1-77 - 10.00  
Received 200.00  
3-25-77 20.00*

1. \$500.00 CASH PAID BY KIRWAN-BRITTON TO DAVE HUDSON.
2. IN 60 DAYS A FURTHER \$1,500.00 PAYMENT SHALL BE MADE TO DAVE HUDSON UPON POSITIVE EVALUATION AT KIRWAN-BRITTON'S EXPENSE OF SAID DUMPS.
3. AT THIS TIME \$1,500.00 SHALL BE PAID TO ROMAN CATHOLIC CHURCH REPRESENTING 15 MONTHS ADVANCE PAYMENT OF ROYALTY.
4. ROYALTY OF DUMPS PAYABLE TO ROMAN CATHOLIC CHURCH SHALL BE \$100.00-PER MONTH OR 10% NET OPERATING PROFIT FROM PRODUCTION WHICHEVER IS LARGER.
5. DAVE HUDSON SHALL PROCEED IMMEDIATELY AT HIS DISCRETION AND OBTAIN FURTHER TONNAGES OF SILVER DUMPS IN THE TOMBSTONE AREA, NOTABLY APPROX. ONE MILLION TONS ON MINERALS '71 DUMP AS WELL AS OTHER DUMPS INCLUDING THE EMERALD AND DUMPS OF WAYNE WINTERS, AND KIRWAN-BRITTON HAVE THE FIRST CHOICE OF ACCEPTANCE OF SUCH DUMPS WITH ROYALTY PAYMENTS AND OUT-OF-POCKET REIMBURSED TO DAVE HUDSON AS NOTED HEREIN, 10% ROYALTY BEING PAYABLE, NET OPERATING PROFIT AFTER FREE 60 DAY EXAMINATION.
6. 3% NET OPERATING PROFIT IS PAYABLE FROM PRODUCTION TO DAVE HUDSON ABOVE THE 10% NCP PAYABLE TO WINTERS.

*Accepted Dave Hudson*  
ACCEPTED, DAVE HUDSON

*Gerry Kirwan*  
GERRY KIRWAN

*Eual Britton*  
EUAL BRITTON



# Cliff's Tree Specialists

March 10, 1977

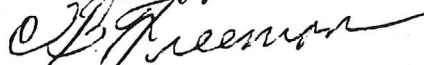
Gentlemen:

This is to certify that we were retained by Mr. Fred Finell, Jr. to sample the Little Pan placer. On the first of March 1977 I went to the claims with a very large container and had it filled with the use of a frontend loader which took fresh cuts from different places on the claims. The results were a sample weighing 1235 lbs.

We then hand screened (dry) through a  $\frac{1}{4}$ " screen and determined that there was 432 lbs that passed through the  $\frac{1}{4}$ " screen which equates to 35%. The oversize is abundantly coated with clay which contains gold (determined by panning).

This amount was then passed through a Jones Splitter five times thereby mixing and properly sampling this under-size and a split of this as well as a sample of the larger clay (only) balls were taken to ARC laboratories on March 7, 1977 for gold determination. Assays attached show \$13.23 for  $\frac{1}{4}$  minus and \$8.82 respectively. We are presently conducting additional tests and will report our findings as soon as possible.

Sincerely,

  
C. B. Freeman



# ARC LABORATORIES

Division of Arizona Research Consultants, Inc.

9236 NORTH 10TH AVE.

PHOENIX, ARIZONA 85021

943-3573

FOR: Fred Finell  
 Box 22096  
 Phoenix, AZ 85028

DATE 3-8-77

LAB No. 14302

Little Pan mine

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## RESULTS

Value @ \$ 147/oz

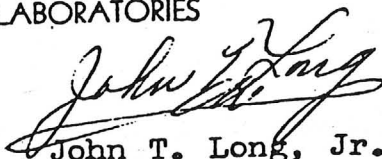
Sample No. 45  
 minus 1/4 inch

Gold

0.06 oz/ton  
 0.09 oz/yard

\$ 8.82  
 13.23

Respectfully submitted,  
 ARC LABORATORIES



John T. Long, Jr.

# ARC LABORATORIES

Division of Arizona Research Consultants, Inc.

9236 NORTH 10TH AVE.

PHOENIX, ARIZONA 85021

943-3573

FOR: Fred Finell  
 Box 22096  
 Phoenix, AZ 85028

DATE 3-8-77

LAB No. 14301

Little Pan mine

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**RESULTS**

Value @ \$ 147/oz

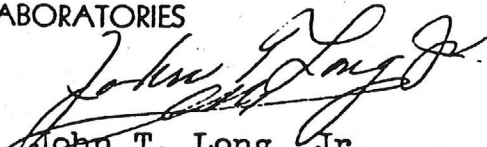
Sample No. 35  
 Clay balls

Sold

0.04 oz/ton  
 0.06 oz/yard

\$ 5.88  
 8.82

Respectfully submitted,  
 ARC LABORATORIES



John T. Long, Jr.

**GERALD L. KIRWAN, B.Sc., P.Eng.**

CONSULTING GEOLOGICAL ENGINEER

611 W. Gibraltar Ln.  
Phoenix, Arizona 85023  
(602) 993-1852



November 13, 1976

Mr. M.A. Sherran, et al,  
C156 - 5150 North 16th St.,  
Phoenix, Az. 85016.

IN ACCOUNT REGARDING;

Expenditures and fee to date, examination and evaluation  
of BCC and Iron King property located near Parker, Arizona.

Expenditures:

Mileage: IN 826: OUT: 380; 346 x .15	\$51.90	
Hotel:	11.44	
Xerox: \$7.30, \$1.15, \$1.38	9.83	
Meals: (incl. Seaman) \$4.27, \$5.40, \$1.98	11.65	
Gas-oil for borrowed field truck	19.34	\$104.16

Fee:

Nov. 9/76. 2.5 hrs, 32 miles: Attendance	NC	
Nov. 10/76 12 hr. day = 1.5 equivalent days property examination		
Charge one day only at agreed upon	100.00	
Nov. 11/76: property sampling-examination 1.6 equivalent days		
Charge only as agreed	225.00	
Note: 1.1 days NC		
Nov. 12: 3 hrs. paper work drafting, making out resume of property @\$25/hr	75.00	
Attendance meeting-driving & mileage 2.5 hrs. total, 32 miles	NC	
		\$400.00
		504.16
		56.-
		\$ 554.16

If I work Monday Nov. 15, add ~~\$125.00~~ to total  
~~56.-~~

*G.L. Kirwan*  
G.L. Kirwan

note: receipts - vouchers kept on file for 10 days only

# Goldera Resources Inc.

VSE SYMBOL GDA.V

#200 - 675 W. Hastings St.  
Vancouver, B.C. V6B 4Z1  
Tel. (604) 687-8451

## NEWS RELEASE

20 March 1986

James R. McColl, Chairman and C.E.O. for the company, reports that the company has successfully completed its first series of laboratory and commercial size batch leach tests at the company's pilot plant located on the Hassayampa River approximately 45 miles west of Phoenix, Arizona.

During the latter part of 1985 the company conducted many and varied tests on its property on the Hassayampa, and on many other properties in Arizona and California which have demonstrated similar precious metals content and values to the company's Hassayampa properties. The company's 1985 testing was conducted in a combined effort of six companies, C.W. Mining Inc., Desert Gold Ltd., Rio Sierra Silver Corp., Bradsue Resources Ltd., Nevada Park Silver Corp., and L. Boerner & Associates. marked  
L.A.A.O.

Since January 1st of this year Goldera has been engaged in a concentrated effort in co-operation with its neighbor, C.W. Mining Inc., to develop a production technique satisfactory to our commercial requirements, at the same time being satisfactory to environmental and regulatory authorities.

We are pleased to announce that our test procedures have proven satisfactory to the point where we are immediately expanding into trial production of 10-20 tons per day on a continuous basis. The intent is to produce sufficient concentrates to facilitate testing of a computerized chemical refining plant capable of handling an operation of between 750 and 1,000 tons per day.

17 2000  
2 d 1000  
400  
500  
1  
ratio  
3M  
SCREENING  
CONCENTRATES

In recent commercial tests the company processed by gravity separation, 17 tons of head-ore which had previously been screened to minus 1/6 inch. From the 17 tons of head-ore we recovered approximately 400 pounds of gravity concentrates, estimated to contain approximately 50% of the gross precious metal content in a ton of head-ore, with the remaining 50% been contained in the clay and gang-ore. Of the 400 pounds of concentrate, approximately 72.3% were magnetics and 27.7% non-magnetics. The following is a chemical analysis for the concentrates as determined by Direct-Coupled-Plasma atomic absorption spectroscopy:

		Magnetics	Non-Magnetics
Au	Gold	1.835 oz/ton	.072 oz/ton
Pt	Platinum	1.029 oz/ton	.319 oz/ton
Pd	Palladium	.386 oz/ton	.052 oz/ton
Ir	Iridium	3.111 oz/ton	.956 oz/ton
Os	Osmium	.248 oz/ton	.082 oz/ton
Ru	Ruthenium	.959 oz/ton	.299 oz/ton
Rd	Rhodium	.801 oz/ton	.260 oz/ton

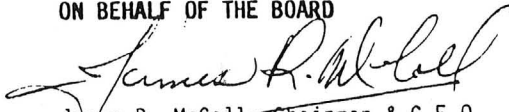
The procedure used for the foregoing analysis was for the most part, a procedure used and published by the United States Bureau of Mines Report of Investigations/1985 (RI 8970).

The concentrates are roasted, then precious metals are collected using silver-inquart, and finally silver-inquart is digested totally in Aqua-Regia with final determination being made from Aqua-Regia solutions, by DCP analysis.

Company officials are confident that its early success in laboratory field test operations will continue in trial production, and that the values demonstrated are adequate assurance of early commencement of a full scale commercial operation in 1986.

The company is currently in discussions and negotiations with principals who have existing facilities which are presently idle and which facilities could be modified to process our Hassayampa ores. Successful conclusion of our present efforts could allow very early commercial production.

ON BEHALF OF THE BOARD

  
James R. McColl, Chairman & C.E.O.

The Vancouver Stock Exchange has neither approved nor disapproved the information contained herein.