

CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
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Tucson, Arizona 85701
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

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Candle

Don White
521 E. Willis St.
Prescott, AZ 86301
(602) 778-3140

June 3, 1988

Holly Huyck
Assistant Professor Dept. of Geology
547 Geology/Physics Bldg.
University of Cincinnati
Cincinnati, OH 45221

Dear Holly,

I am finally getting the materials together for you and Tiebing to work with. Sent separately last week (via U.S. Mail) were the 25 pulps as listed on the attachment herein. Sent separately today (via U.P.S.) are small samples of core corresponding to each of those 25 sample intervals in pulps.

Enclosed herein, as well as the sample list, are drill logs for the four holes sampled (two holes in vertical planes from each of two stations), two vertical cross sections showing those holes, and a small plan to show where those sections fit the bigger picture.

Your letter of April 11th indicated an uncanny sense of what is needed, considering your introduction to the property totalled perhaps half an hour then. Indeed, identification of the iron oxide/hydroxide phases would be most useful. Any other mineralogic identifications coming out of XRD work would also be useful.

One suspicion is that we may be looking at a strong supergene overprint, in terms of iron, precious-metal and other metal distribution, on an otherwise hypogene metal suite. Of course the diorite came in at an early point in time and redistributed metals too. We know we have all oxides now and precious little evidence that there were ever sulfides. If your work can identify the exact iron species or other minerals that can be related, say on a stability field diagram, to geologic environment of formation, then we will have another key bit of evidence.

There is certain other work being done in university settings. The most serious is under the direction of Dr. Robert W. Hodder at the University of Western Ontario. One of his undergraduates last year did a thesis on the alteration zones within the diorite that juxtaposes the mineralized silica bodies. The overall trend from propylitic core through argillic to silicic-altered margins was recognized. The suspicion I have is that wall rock assimilation took place, yielding an auto-fluxed diorite margin as well as the hornfelsed silica wall rock. The latter is a categorically barren silica which is very tight, impermeable, and exhibits relict breccia textures akin to the unhornfelsed silica further from the diorite. The hornfelsed silica is logged as beige-banded and/or massive silica and forms a rim around the diorite wherever diorite contacts silica.

Holly Huyck
June 3, 1988
Page Two

More recently another of Dr. Hodder's undergraduates completed a thesis on the nature of the silica breccias. I have enclosed a copy of Iain Sloan's work but I caution you not to take all of it as sacred. Even the use of the term "chert" is controversial. But Iain's petrographic work is good and your familiarity with it can perhaps save some unnecessary duplication. His study focused on the 809 area which is up-rake to the northwest of the 902 and 911 samples you have. It is a fundamentally different area for having more tight, low permeability, "gray breccias", more iron oxides and base metal oxides, and virtually no silica "grit." The latter is the main host for precious metals in the areas I have sampled for you. If it later seems worthwhile, we may go back to the 809 area for your work too.

The one student at University of Arizona that started in on petrographic work for his MSc last fall has just sent me a letter saying he got nowhere and is working for ASARCO in Nevada now. So that isn't too helpful.

Bob Hodder and I intend to present some current U.V.X. work in a talk to the Northwest Mining Convention this December but that does not preclude some later publication possibilities including you and/or Tiebing if your work proves valuable. We can feel that out as we go. Certainly there are lots of issues on this exciting property and studying it now while it is in development is more stimulating than after the fact.

In partial answer to the numbered questions you asked in your April 11th letter:

- 1) Yes, the brecciation of the silica is ubiquitous, throughout the silica stratigraphy. In fact virtually all the silica is brecciated and generally silica-healed, likely several times over.
- 2) True chert? Probably not, though we don't know for sure. Much of the siliceousness is probably a result of silicification rather than being a primary chemical precipitate. There are definitely multiple generations of silica differentiated by grain size, trace element inclusions, and precious metal content. But banded clasts may be indicative of the original silica. So too the overall stratigraphic trend you see on the sections from copper stopes through iron-rich silica to precious-metal-bearing silica grit to ferruginous grit. The so-called beige-banded or banded-and-massive silica is, I am convinced, a hornfelsed silica which rims the semi-concordant diorites, likely an immediate post-exhalative subvolcanic dome which locally broke through and was extrusive.
- 3) The ferruginous zones overlying some gold zones may be an "iron-front", metasomatic iron rimming the hornfelsed silica and effectively remobilized by the diorite or it can be a normal stratigraphic evaluation. Either way, the iron concentrated stratigraphically above gold is usually in brecciated silica too.

Holly Huyck
June 3, 1988
Page Three

As I put together interpretation of some newly done nuclear activation analyses, I shall be in touch. That will be another couple weeks from now but at least you have the pulps with which to commence XRD work.

Do not hesitate to phone with any questions or discussion.

Best Regards,

A handwritten signature in cursive script, appearing to read "Don".

Don White
Geologist, C.P.G.

DW:sk

Enclosures

cc: Carole A. O'Brien
Robert W. Hodder

UVX, Sample Pulp sent to H. Hayck, May 1988

(Small core sample sent for each also)

1 902-3 - 47-50
2 902-3 - 50-52
3 902-3 - 60-62
4 902-3 - 92-94
5 902-3 - 112-116

6 902-7 - 75-78
7 902-7 - 78-80
8 902-7 - 88-90
9 902-7 - 90-92
10 902-7 - 133-136
11 902-7 - 150-155

12 911-3 - 55-58
13 911-3 - 58-61
14 911-3 - 89-93
15 911-3 - 112-115
16 911-3 - 115-118
17 911-3 - 155-160
18 911-3 - 175-178

19 911-4 - 47-52
20 911-4 - 52-57
21 911-4 - 78-81
22 911-4 - 90-92
23 911-4 - 92-96
24 911-4 - 109-112
25 911-4 - 117-120

Carole

Don White
521 E. Willis St.
Prescott, AZ 86301
(602) 778-3140

June 3, 1988

Bondar-Clegg & Co., Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5

Dear Sirs:

Shipped separately via U.P.S., c/o Greyhound Bus Terminal, Blain, WA, 98230, are two boxes containing another batch of 100 pulps.

All 100 samples are for your instrumental nuclear activation analysis (INAA) "Gold + 33" package (regular vial, option 1) at \$11. each.

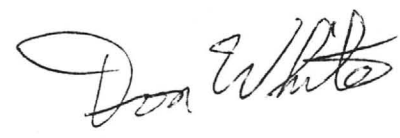
The sample listing is attached.

Please note the following so that a separate phone call isn't needed for each:

- 1) Send a copy of the report to me at the Prescott address above. Please include both hard copy and floppy disc (lotus format).
- 2) Send a copy of the report and the billing to: Carole A. O'Brien, A.F. Budge (Mining) Ltd., 7340 E. Shoeman Lane, Suite 111-B-(E), Scottsdale, AZ, USA, 85251.
- 3) Upon completion, please return all the pulps to me in Prescott.

Thank you, and do phone if there are any questions.

Sincerely,



Don White
Geologist, C.P.G.

DW:sk

Attachment

cc: Carole A. O'Brien

Samples submitted by Don White, 6-3-88
for "Gold + 33" INAA

| | | | |
|----|-----------------|----|-----------------|
| 1 | 809-1 - 179-183 | 36 | 809-2 - 197-200 |
| 2 | 809-1 - 183-187 | 37 | 200-203 |
| 3 | 809-1 - 187-190 | 38 | 203-206 |
| 4 | 190-193 | 39 | 206-209 |
| 5 | 193-196 | 40 | 809-2 - 209-212 |
| 6 | 196-200 | | |
| 7 | 200-203 | 41 | 809-4 - 160-163 |
| 8 | 203-206 | 42 | 809-4 - 179-182 |
| 9 | 206-210 | 43 | 809-4 - 192-195 |
| 10 | 210-214 | 44 | 198-201 |
| 11 | 214-219 | 45 | 210-214 |
| 12 | 219-222 | 46 | 220-223 |
| 13 | 222-225 | 47 | 235-237 |
| 14 | 225-228 | 48 | 239-242 |
| 15 | 228-231 | 49 | 247-250 |
| 16 | 231-234 | 50 | 259-262 |
| 17 | 234-237 | 51 | 274-277 |
| 18 | 237-240 | 52 | 277-281 |
| 19 | 240-245 | 53 | 281-285 |
| 20 | 809-1 - 245-249 | 54 | 285-289 |
| | | 55 | 289-292 |
| 21 | 809-2 - 39-43 | 56 | 292-296 |
| 22 | 809-2 - 105-108 | 57 | 296-300 |
| 23 | 809-2 - 118-122 | 58 | 300-304 |
| 24 | 136-140 | 59 | 304-308 |
| 25 | 156-160 | 60 | 308-312 |
| 26 | 163-167 | 61 | 312-315 |
| 27 | 170-173 | 62 | 315-318 |
| 28 | 173-176 | 63 | 318-322 |
| 29 | 176-179 | 64 | 322-326 |
| 30 | 179-182 | 65 | 326-330 |
| 31 | 182-185 | 66 | 330-334 |
| 32 | 185-188 | 67 | 809-4 - 350-354 |
| 33 | 188-191 | | |
| 34 | 191-194 | | |
| 35 | 809-2 - 194-197 | | |

Sample listing - continued

Don White - 6-3-88
"Gold + 33"

| | | |
|-----|-------|-----------|
| 68 | 809-5 | - 85-90 |
| 69 | 809-5 | - 105-110 |
| 70 | 809-5 | - 137-140 |
| 71 | | 142-145 |
| 72 | | 148-151 |
| 73 | | 157-160 |
| 74 | | 162-165 |
| 75 | | 168-172 |
| 76 | 809-5 | 180-185 |
| 77 | 809-8 | - 155-158 |
| 78 | 809-8 | - 162-165 |
| 79 | 809-8 | - 172-175 |
| 80 | | 187-190 |
| 81 | | 192-194 |
| 82 | | 198-200 |
| 83 | | 210-213 |
| 84 | 809-8 | - 220-223 |
| 85 | 809-9 | - 77-80 |
| 86 | 809-9 | - 83-85 |
| 87 | 809-9 | - 89-91 |
| 88 | | 93-95 |
| 89 | | 97-99 |
| 90 | | 101-103 |
| 91 | | 105-107 |
| 92 | | 109-111 |
| 93 | | 113-115 |
| 94 | | 117-120 |
| 95 | | 123-125 |
| 96 | | 128-133 |
| 97 | | 138-140 |
| 98 | | 148-150 |
| 99 | | 156-158 |
| 100 | 809-9 | - 160-163 |

Carole

Don White
521 E. Willis St.
Prescott, AZ 86301
602-778-3140

February 29, 1988

Mrs. Patricia Sheahan
KONSULT INTERNATIONAL, INC.
44 Gemini Rd.
Willowdale, Ontario
Canada, M2K 2G6

Dear Patricia,

Thank you for the samples of your scanning service listings and letter of February 2nd.

While my suspicion is that your service is beyond my budget, I am curious to know what it costs as it looks rather useful.

I have circled three of your citations on the accompanying copies. Is it possible to obtain paper copies of those articles?

I'm sorry we didn't have more chance to meet during the course of your visit to Arizona.

Sincerely,



Don White
Geologist, C.P.G.

DW:sk

Enclosures

Carde



The University of Arizona

Arizona
Bureau of Geology and Mineral Technology
Geological Survey Branch
845 N. Park Ave., Tucson Arizona 85719
(602) 621-7906

February 16, 1988

Mr. Don White
521 E. Willis St.
Prescott, AZ 86301

Dear Don:

I've tried to call you recently (to no avail) about asking for access to the Vulture Mine area at the end of this month and the first couple of days in March. Our mapping in the Vulture Mountains is progressing nicely, and we are nearing the Vulture Mine. We would spend about three days in and around the mine doing a relatively detailed map of the area. Three of us will be involved -- Jon Spencer, Ed DeWitt, and me. If you can join us, we would enjoy having your company and insight into the area. Please give me a call, if you would, so that we can discuss actual dates, etc. I would have contacted you earlier, but Ed just found out his schedule. Ed has agreed to do a U-Pb date on the key rock unit (the porphyry) and Ar-Ar on the mineralization. The data should nicely compliment the age determination you already have. I hope that access is no problem and that you can join us.

Best Wishes,

Stephen J. Reynolds
Stephen J. Reynolds

Phoned Steve Reynolds 2-18-88

*Meet at Vulture gate Mon. 2-29-88 at ~8am
Clear access for ~3 days with CAD.B. + John Osborne.*

Steve promised "instant" turnover of maps so generated, any U-Pb or Ar-Ar dating by Ed, and any O-isotope work by Rob. Kerrich!

Carole —

2-18-88

Would you please mention
this plan to John Osborne in
case I don't make it to rendezvous
with these fellows Feb. 29th at Vulture

Don



H. WALTER SCHULL
Economic Geologist

901 Walker Ave.
Reno, NV 89509
(702) 323-7085

Carde

February 18, 1988

Doanld C. White
521 East Willis St.
Prescott, Arizona, 86301

Dear Don,

I want to express my thanks for the fine tour you hosted at the UVX Gold Project January 29, 1988. It was pretty special to ~~to~~ get to see up close something of the fabled United Verde Extension. I am still of the opinion that much of what I saw was supergene, probably paleosupergene. I am not sure that ~~that~~ opinions of one-day experts are worth much more than the stimulating effect of a devils advocate.

Your talk at the AIME on The Vulture was also interesting - one of the better presentations, Paul and I thought. In spite of the close connection of Vulture gold mineralization and the quartz monzonite I would still recommend paying attention to the preCambrian rocks which as I recall were largely slightly metamorphosed basic volcanics and fine grained sediments - a setting not too disimilar to those of other so called greenstone gold camps.

Thanks Again,

H. Walter Schull
Walter Schull

AZ. CORP. COMMISSION
FOR THE STATE OF AZ.
FILED
JAN 20 2:26 PM '88
APPR. Judi Coullard
DATE APPR 2-3-88 FILED 202058
ARTICLES OF INCORPORATION
OF
RAYNERD RESOURCES, INC.

ARTICLE I

Name: The name of the Corporation is RAYNERD RESOURCES, INC.

ARTICLE II

Purpose: The purpose for which this Corporation is organized is the transaction of any and all lawful business for which corporations may be incorporated under the laws of the State of Arizona as they may be amended from time to time.

ARTICLE III

Initial Business: The Corporation initially intends to conduct the business of exploration, development, mining and production of natural resources.

ARTICLE IV

Authorized Capital: The Corporation shall have the authority to issue fifty million (50,000,000) shares of common stock with no par value.

ARTICLE V

Statutory Agency: The name and address of the Statutory Agent of the Corporation is RICHARD WALRAVEN, 239 South Cortez Street, Prescott, Arizona, 86303.

ARTICLE VI

Known Place of Business: The known place of business of the Corporation shall be 239 South Cortez Street, Prescott, Arizona, 86303.

ARTICLE VII

Board of Directors: The initial Board of Directors shall consist of two (2) directors. The persons who are to serve as directors until the first annual meeting of shareholders and/or until their successors are elected and qualified are:

RAYNERD B. CARSON, 4802 North 12 Street, #2029, Phoenix, Arizona 85014
YVONNE CARSON, 4802 North 12 Street, #2029, Phoenix, Arizona 85014.

ARTICLE VIII

Number of Directors: The number of persons to serve upon the Board of Directors shall be fixed by the shareholders at the annual meeting or at any special meeting called for that purpose, except that the Board of Directors shall always consist of not fewer than one (1) nor more than ten (10) persons.

ARTICLE IX

Indemnification of Officers, Directors and Employees: The Corporation shall indemnify and hold harmless each of its existing and former directors, officers, employees and agents against any expenses reasonably incurred by any of them (including but not limited to expenses arising from costs of court, legal fees, accountants' fees, experts' fees, judgments, fines or penalties and amounts paid in settlement or compromise), which expenses arise from any legal, administrative, investigative or other proceeding brought or threatened by or in the right of the Corporation or by or in the right of any person against any such director, officer, employee or agent of the Corporation for any act or omission which occurred or is alleged to have occurred while any such person was acting within the scope of his employment. Indemnification shall be made by the Corporation pursuant to this article without regard to any judicial or administrative determination as to the actual liability of any such director, officer, employee or agent. The Corporation shall, within a reasonable time after any such expenditure has been incurred and reported to the board of directors, indemnify any such director, officer, employee or agent for all such expenditures which have been incurred. Indemnification shall not be extended under this article to any existing or former officer, director, employee or agent in the event that such person acted wrongfully, failed to act, refused to act, or acted willfully or with gross negligence or with fraudulent or criminal intent in regard to the matter involved. This article shall not abrogate or limit any right or privilege of the Corporation to indemnify any present or former director, officer, employee or agent by resolution adopted by the board of directors or to indemnify any such person under the provisions of any applicable law.

ARTICLE X

Incorporators: The incorporators of the Corporation are:
RAYNERD B. CARSON, 4802 North 12 Street, #2029, Phoenix, Arizona 85014
YVONNE CARSON, 4802 North 12 Street, #2029, Phoenix, Arizona 85014.

All powers, duties and responsibilities of the incorporators shall cease at the time of delivery of these Articles of Incorporation to the Arizona Corporation Commission for filing.

IN WITNESS WHEREOF, we have hereunto set our hands this 15 day of December, 1987.

-s- Raynerd B. Carson
-s- Yvonne Carson

3TC Pub. Feb. 16, 17, 18, 1988

Carde

A mining scam
to beware of.
Ray Carson is
Vancouver con-man
who heads Nor-Quest
(Gladiation Mine)
& hasn't paid
lots of reputable
folks for contract
services or equipment.

LAB JOB #: AFB02230 Attn: Carole A. O'Brien
 Client name: A. F. Budge (Mining) Ltd. No. Samples: 42
 Billing address: 7340 E. Shoeman Ln. Date Received: 02-08-88
 Suite 111-B-(E) Submitted by: Don White
 Scottsdale, AZ 85251
 Phone number: (602) 945-4630 / 778-3140 INVOICE ATTACHED

1st Run ANALYTICAL REPORT

| Client ID | Lab ID | FA/AA | Fire Assay | | |
|----------------|----------|---|--------------|--------|-----------|
| AFB02230 | | Au | Ag | oz/ton | oz/ton |
| ----- | | | | | |
| UVX BATCH #106 | | <i>1st run / 2nd run Avg.</i> <i>(on same pulps)</i> | | | |
| HOLE #911-5 | | | | | |
| 22-28' | 2230- 1 | 0.001 .001 | 1.15 1.01 | 108 | |
| 28-30' | 2230- 2 | 0.073 .078 | 7.76 7.66 | 7.71 | |
| 30-32' | 2230- 3 | 0.078 .072 | 2.23 2.16 | 2.19 | |
| 32-34' | 2230- 4 | 0.121 .109 | 7.61 7.60 | 7.60 | |
| 34-36' | 2230- 5 | 0.086 .090 | 0.61 .67 | 0.64 | |
| 36-38' | 2230- 6 | 0.041 .065 | 0.71 .72 | 0.72 | |
| 38-40' | 2230- 7 | 0.035 .027 | 1.13 1.10 | 1.17 | |
| 40-42' | 2230- 8 | 0.040 .045 | 0.93 .92 | 0.92 | |
| 42-44' | 2230- 9 | 0.048 .052 | 1.04 2.38 | 1.71 | |
| 44-46' | 2230- 10 | 0.056 .033 | 1.28 1.34 | 1.31 | |
| 46-48' | 2230- 11 | 0.050 .052 | 2.82 2.38 | 2.60 | |
| 48-50' | 2230- 12 | 0.050 .052 | 0.89 .93 | 0.93 | |
| 50-52' | 2230- 13 | 0.050 .045 | 2.01 2.14 | 2.07 | .066 2.32 |
| 52-54' | 2230- 14 | 0.072 .072 | 2.64 2.83 | 2.74 | .090 2.65 |
| 54-56' | 2230- 15 | 0.079 .074 | 1.70 1.61 | 1.65 | .082 1.89 |

$$Au(eq) = Au + .07(Ag)$$

| Client ID | Lab ID | FA/AA | Fire Assay | | | | |
|------------|----------|---------------|------------------------|--------|--------|------|------|
| AFB02230 | | Au | Ag | oz/ton | oz/ton | | |
| 56-58' | 2230- 16 | 0.083 .090 | .086 3.62 3.67 | 3.64 | | .089 | 3.76 |
| 58-60' | 2230- 17 | 0.080 .079 | .079 3.66 3.59 | 3.62 | | .077 | 3.59 |
| 60-62' | 2230- 18 | 0.069 .063 | .066 2.94 2.80 | 2.87 | | .067 | 2.98 |
| 62-65' 3' | 2230- 19 | 0.110 .112 | .111 2.29 2.53 | 2.41 | | .116 | 2.73 |
| 65-68' 3' | 2230- 20 | 0.184 .180 | .182 2.49 2.42 | 2.45 | | .180 | 2.57 |
| 68-72' 4' | 2230- 21 | 0.215 .219 | .217 5.04 5.59 | 5.27 | | | |
| 72-75' 3 | 2230- 22 | 0.176 .170 | .173 9.47 9.19 | 9.33 | | | |
| 75-78' 3 | 2230- 23 | 0.112 .112 | .112 5.87 6.09 | 5.98 | | | |
| 78-82' 4 | 2230- 24 | 0.196 .185 | .190 6.85 7.07 | 6.96 | | | |
| 82-87' 5 | 2230- 25 | 0.050 .057 | .054 6.98 7.20 | 7.09 | | | |
| 87-92' 5 | 2230- 26 | 0.069 .069 | .069 6.81 6.98 | 6.90 | | | |
| 92-97' 5 | 2230- 27 | 0.056 .052 | .054 8.08 8.46 | 8.27 | | | |
| 97-102' 5 | 2230- 28 | 0.067 .063 | .065 11.55 11.48 | 11.51 | | | |
| 102-105' 3 | 2230- 29 | 0.075 .073 | .074 6.82 6.72 | 6.77 | | | |
| 105-108' 3 | 2230- 30 | 0.071 .069 | .070 11.91 12.30 | 12.10 | | | |
| 108-110' 2 | 2230- 31 | 0.045 .058 | .051 7.35 7.54 | 7.45 | | | |
| 110-112' 2 | 2230- 32 | 0.081 .079 | .080 2.42 2.46 | 2.44 | | | |
| 112-114' 2 | 2230- 33 | 0.077 .069 | .073 0.74 .80 | 0.77 | | | |
| 114-116' 2 | 2230- 34 | 0.027 .038 | .032 1.03 1.13 | 1.08 | | | |
| 116-118' 2 | 2230- 35 | 0.116 .115 | .115 2.64 2.52 | 2.58 | | | |
| 118-120' 2 | 2230- 36 | 0.175 .189 | .182 7.05 7.54 | 7.30 | | .170 | 7.38 |
| 120-122' 2 | 2230- 37 | 0.071 .050 | .060 2.87 2.64 | 2.76 | | .063 | 2.82 |
| 122-124' 2 | 2230- 38 | 0.041 .037 | .039 1.25 1.29 | 1.27 | | | |
| 124-126' 2 | 2230- 39 | 0.048 .034 | .041 2.29 2.26 | 2.27 | | | |
| 126-128' 2 | 2230- 40 | 0.048 .037 | .042 4.23 4.82 | 4.52 | | | |
| 128-130' 2 | 2230- 41 | 0.037 .046 | .042 7.39 7.55 | 7.47 | | | |

62-82 = 20'
at $\frac{.168}{5.47} (.093)$

.26 Au(eq)

82-110 = 28'

at $\frac{.062}{8.58} (.146)$

.21 Au(eq)

110-116 = 6'

at $\frac{.062}{1.43} (.024)$
.09 Au(eq)

116-120 = 4'

at $\frac{.148}{4.94} (.084)$
.23 Au(eq)

120-126 = 6'

at $\frac{.047}{2.10} (.036)$
.08 Au(eq)

126-140 = 14'

at $\frac{.091}{5.40} (.092)$

.18 Au(eq)

| Client ID | Lab ID | FA/AA Au oz/ton | Fire Assay Ag oz/ton |
|---------------|--------|------------------------------|---|
| AFB02230 | | | |
| 130-132' | 2' | 2230- 42 | 0.053, .058, .063 11.02, 11.16, 11.29 |
| 132-135 | 3' | } Batch #107 One run only | .097 6.08 |
| 135-137 | 2' | | .114 3.02 |
| 137-140 (EOM) | 3' | | .156 1.65 |

High Fe $62-110' = 48' @ \frac{.106}{7.28} (.124) = .23 \text{ Au/eq}$

Low Fe $110-140 = 30' @ \frac{.084}{3.88} (.066) = .15 \text{ Au/eq}$

$62-140' = 78' @ \frac{.098}{5.97} (.102) = .20 \text{ Au/eq}$

Don White
521 E. Willis St.
Prescott, AZ 86301

December 31, 1987

Chemex Labs, Inc.
994 Glendale Ave.
Unit 7
Sparks, NV 89431

Dear Sirs:

Please return my pulps via U.P.S. as requested earlier in my cover letter of October 31, 1987.

There are 19 pulps labelled 809-.... and reported on your certificate of analysis A8726358. I need them for other tests which are being delayed.

Sincerely,



Don White
Geologist, C.P.G.

DW:sk

cc: C.A. O'Brien ✓

Don White
521 E. Willis St.
Prescott, AZ 86301
Home 602-778-3140
UVX 602-634-8842

December 31, 1987

Jim Bussman
Dept. of Geosciences
Univ. of Arizona
Tucson, AZ 85721

Dear Jim,

It sounds as though you're zeroing in on a thesis topic related to the distribution of iron in the U.V.X. "cherts", its petrology and geochemistry. I am pleased with that as I feel it holds important clues to the gold distribution and genesis. Without wanting to force issues upon you, but to let you choose topics of economic and exploration import based on the present state of knowledge, I see the following questions as some deserving attention:

- 1) What is the petrology and minerology of the iron? How does it vary through the silica stratigraphy?
- 2) Any evidence of iron being derived from sulfides? Any evidence that this is a "gossan" as previously reported? Is there any clear evidence of supergene versus hypogene or other oxidation?
- 3) How may the iron distribution have been influenced by hydrothermal, metasomatic, metamorphic, or meteoric fluids? What are the relative imports of these to the iron's genesis and remobilization and how does it vary from place to place?
- 4) What relations exist between the iron and gold distributions? It seems that we often see an envelope of high iron around the best precious-metal occurrences. Any insights as to why this is and what its exploration significance may be?

We have available a goodly amount of data and materials to promote your study. Amongst them are:

- 1) Drill logs for all holes drilled (about 40 now) including some notes on iron content.
- 2) Histograms of Au, Ag, Ag/Au ratios for all holes.
- 3) Histograms of base metals and total Fe for about one fourth of the holes drilled, scattered along strike.
- 4) Drill core splits, available for additional logging and/or sampling.
- 5) Pulps for all assay intervals, available for additional analyses, whole rock, or other studies.

Jim Bussman
December 31, 1987
Page 2

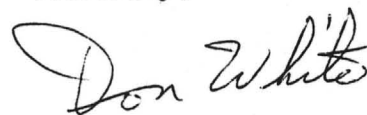
- 6) Underground exposures in the silica crosscuts of the 806, 901-W, 902-W, 906 and 991 workings, both 800 and 950 levels. Other workings in silica on the 950 and 903 intermediate level will be accessible some time in February.
- 7) Mine level plans (various scales from 1" = 20' to 1" = 100') with and without geology; cross sections and longitudinal sections.

To the extent that you may wish to use any of this data or material for mapping, logging, or sampling for other studies, simply let me know how we may help. I look forward to your involvement and the comraderie of another geologist in Jerome.

Please encourage Chris Eastoe and John Guilbert to accompany you to the U.V.X. soon so that they may better focus your efforts early in your study.

Happy New Year, 1988!

Sincerely,



Don White
Geologist, C.P.G.

DW:sk

cc: Carole A. O'Brien
Chris Eastoe
John Guilbert

Don White
521 E. Willis St.
Prescott, AZ 86301
602-778-3140

November 30, 1987

Daniel L. Maxwell
SOUTHWEST EXPLORATION, INC.
P.O. Box 3026
Silver City, NM 88062

Dear Dan,

I enjoyed meeting you at the U.V.X. in Jerome. I hope the information over the phone was adequate for your proposal to inspect the old workings of the Josephine. As I dug further in the vault it seemed there was enough to warrant a record for everyone's convenience. Hence the attached memo and sketches.

Do not hesitate to call me in Prescott or Jerome if I may be of any further help on this or other issues. I look forward to our working on something in common one day.

Sincerely,



Don White
Geologist, C.P.G.

DW:sk

cc: Carole A. O'Brien ✓

Don C. White

521 East Willic St.
Prescott, AZ 86301
(602-778-3140)

January 15, 1988

Mr. Rixford A. Beals
2. Lexington Rd.
Somerset N.J. 08873

Dear Mr. Beals;

You were very kind to volunteer the information in your letter of January 6th and your father's 1927 letter report. Thank you for the information.

Several things you and your father record are gratifying for me to see as corroboration for things I could only suspect. Details of grade and tonnage and structure are hard to come by in the very fragmented Vulture files.

I have enclosed a copy of my short paper on the Vulture in case you had only the abstract and since you seem more than a little interested. Some of the points I make are based upon independent geologic observations and inferences which I have since found others concluded long before me.

Ernest Dickie in 1942 was one. Arthur Perry Thompson before him in 1930 was another. And now you have made me aware of Roger L. Beals who, it is clear, recognized most of the salient geology of the Vulture, its petrography, structure, and genetic tie to the pluton.

Are you, per chance, any relation to the Beal (no "s") who now owns the Vulture? Or possibly to the Beal who worked in Jerome, AZ so long?

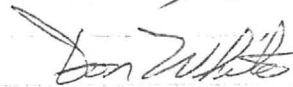
I am taking the liberty of also enclosing, on loan, a "picture book" on some of the recent work I have conducted at the Vulture for a client. That work is ongoing and most fascinating. We have not

as yet taken a stab at the fault extension possibilities but may in the future.

Shall you be attending the SME Annual Meeting in Phoenix? If so, may I have the pleasure of meeting you?

Thank you, again, for your letter.

Sincerely,



Don White
Geologist, C.P.G.

Enclosures

C.C. O'Brien