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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: GREEN GLORY

ALTERNATE NAMES:

LA PAZ COUNTY MILS NUMBER: 244

LOCATION: TOWNSHIP 3 N RANGE 20 W SECTION 22 QUARTER SW
LATITUDE: N 33DEG 35MIN 07SEC LONGITUDE: W 114DEG 18MIN 50SEC
TOPO MAP NAME: CUNNINGHAM MTN - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
- GOLD LODE
- SILVER
- COPPER
- MOLYBDENUM
- ARSENIC
- TELLURIUM
- BISMUTH DELETERIOUS?

BIBLIOGRAPHY:
- AZBM FILE DATA
- ADMMR GREEN GLORY FILE

Owners: ALICE & ROBERT WILLS
P.O. Box 538
QUARTZSITE, ARIZ 85346
PHONE 927-6148
Claims: GREEN GLORY 1-10
GREEN GLORY EXT 1, 2
AMC 75893-75904

SE¼, Sec 21
S½ Sec 22 T. 3N., R. 20W.
N½ Sec 27
NE¼ Sec 28

P. S.

We are in Ruttan's "Tyson Mobile and RV Park" At Space # 1 (Left side, up front, by the highway), On the Int. 10 Business frontage road, and between the Two new, concrete bridges, North side, in case you may be in our area sometime. Our Phone is 927-6148 here.

RHW.

Mr. Thompson, currently, is staying in Cushman's Park next door to ours, with a white van, & small T. Trailer. Don't know how long he will be here? His local P. O. (Quartzsite) address is: R. L. Thompson, P. O. Box # 1664 (no personal phone #). Van & trailer Fla. licenses

NUMBER	FILE	CONT	CONT1	PRINAME								
244	**F**	**0**	**N**	**GREEN GLORY**								
ALTNAME1					ALTNAME2							
ALTNAME3					ALTNAME4							
ALTNAME5					ALTNAME6							
CURSTAT			MNAME						NLATDEG	NLATMIN		
PAST PRODUCER			**CUNNINGHAM MTN - 7.5 MIN**						**33**	**35**		
NLATSEC	WLONGDEG		WLONGMIN	WLONGSEC	TOWN	RANGE	SECTION		QUARTER	COM1		
07	**114**		**18**	**50**	**3 N**	**20 W**	**22**		**SW**	**AU**		
MODI1		COM2	MODI2	COM3	MODI3		COM4	MODI4				
LODE		**AG**		**CU**			**MO**					
COM5	MODI5		COM6	MODI6	COM7	MODI7						
AS			**TE**		**BI**	**DELETERIOUS?**						
BIB1												
AZBM FILE DATA												
BIB2												
ADMMR GREEN GLORY FILE												
BIB3												
BIB4												

GREEN GLORY YUMA COUNTY

Went ot Quartzsite and met Mr. Robert Wills whowas accompanied on an examination of his Cu prospect. He had previously sent a shoe box full of very hi grade chalcocite specimen to the office. He has 10 Green Glory unpatented claims in Sec. 21 & 22 T3N, R20W, about ½ mile NE of the Copper Bottom adits. The only excavations shown were on Green Glory # 6 which adjoins the patented claims of the Copper Bottom group. Here the rocks striking about E-W. In an E-W excavation about 150 feet long and 3 feet deep, mostly old, from a foot to 2 feet of bull quartz is shown at the contact of the quartzite and schist. A very little Cu stain is the only mineralization noted, however, Mr. Wills said he dug out a "kidney" of chalcocite at the up end west of this cut. West of the cut, about 50 feet several very narrow (2"-4") quartz "feeder" veins have been rpospected by small excavations. These feeders occur 3 feet to 20 feet apart in the quartzite. Mr. Wills said they petered out when followed into the schist. They strike about N-S and dip very steeply. They contain some chalcocise in pockets 1-2 feet inlength; there is little continuity laterally. It was suggested that one of these "feeders" be followed vertically to its intersection with the sill-like bull quartz sandwiched between the upper quartzite formation and the sericitic schist. Mr. Wills pointed out he had no way of drilling or blasting and preferred to await action by Mr. Robbins of Royal Agassiz Ltd., who visited the property last weekend and said he was interested in conducting a geophysical survey across the claims. GW WR 2-26-74

Went to Quartzsite and saw Robert Wills who said Highland Star Ltd. had drilled 6 - 200 foot air-trac, inclined holes on his claims immediately north of the old Copper Bottom mine but didn't have the results as yet. He also said they were unable to make a deal with Mr. Lipes for the Copper Bottom although they had looked at it. GW WR 4-25-74

H. J. BERGMANN, P. ENG.
MINING ENGINEER

3518 VENDOME AVENUE
MONTREAL, QUEBEC
H4A 3M7

TELEPHONE:(514) 481-1539

REPORT

ON THE

GREEN GLORY GROUP OF CLAIMS

PLOMOZA MINING DISTRICT

YUMA COUNTY, ARIZONA

FOR

ROYAL AGASSIZ MINES LTD.

Montreal, Que. March 19, 1974

S U M M A R Y

Royal Agassiz has obtained an option to purchase a copper-gold-silver prospect in Yuma County, Arizona. The property is readily accessible and close to all facilities necessary for a mining operation.

The geological formation of significance on the property is a 50 foot thick bed of quartzite that contains fracture zones filled with quartz and narrow lenses of chalcocite-bornite. These chalcocite-bornite veins consistently show high values in copper, gold and silver ranging from 40 to 60% copper, 0.5 to 3 ounces gold per ton and 50 to 200 ounces silver per ton.

The favorable quartzite is continuous and passes onto the adjacent Copper Bottom property where underground development has shown similar high values but over greater widths. Some high grade ore was shipped from here in 1905 assaying $278.00 per ton in copper, gold and silver. It is estimated that this would be equivalent to approximately $2,000 per ton at present metal prices. Development at the Copper Bottom has also indicated the presence of wider veins containing lower values.

It is apparent from the exploration on the Green Glory claims and the adjacent Copper Bottom property that the copper gold-silver mineralization is quite widespread. There are good possibilities for developing small high-grade deposits as well as larger tonnages of lower grade material. As a result, a comprehensive exploration programme is recommended for the Green Glory group of claims, consisting of induced polarization surveys, further trenching and diamond drilling.

REPORT ON THE
GREEN GLORY GROUP OF CLAIMS
PLOMOZA MINING DISTRICT
YUMA COUNTY, ARIZONA
FOR
ROYAL AGASSIZ MINES LTD.

INTRODUCTION

Royal Agassiz Mines Ltd. has recently entered into an option agreement covering what is referred to as the Green Glory Group of claims in Yuma County, Arizona. The ground is regarded as a copper-gold-silver lode prospect and the writer made a personal examination accompanied by the owner, Mr. R. H. Wills, on February 24, 1974.

The following report describes the property and includes recommendations for the further exploration of the property. The report is based on the writer's examination and a study of data supplied by Mr. Wills and the Arizona Department of Mineral Resources.

PROPERTY AND LOCATION

The claims are presently registered in the name of Robert H. Wills of Quartzite, Arizona, and they include the Green Glory Group of 10 claims and two other claims in the Green Glory Extension Group which adjoins the Green Glory Group to the east. The entire holdings comprise approximately 240 acres.

The claims are located in Section 22, T. 3N. R20W in Plomoza Mining District, Yuma County, Arizona. The Green Glory Group is registered with the Yuma County Recorder as of Dec. 4, 1972, Docket No. 731, Page 431, and the two extension claims were registered September 11, 1973, as shown in Docket No. 773, Page 683. Maps showing the claims are attached to this report.

ACCESSIBILITY AND FACILITIES

The property is readily accessible as it is situated approximately 10 miles southwest of the town of Quartzite, Arizona. It is connected to Quartzite by a desert road that is sufficient for automobile travel. Quartzite is connected by an all-weather road to the main centres and to the railroad.

The property is situated in an old mining area and there appears to be a fair supply of labor in the area as well as the normal facilities required for a mining operation.

HISTORY

It is not known when the first work was conducted on the Green Glory Group of claims but there are a few old pits that data back a number of years. It is known that the Copper Bottom property adjacent to the group (See map) was worked by a company in 1905 at which time underground work was conducted. Further work was conducted in the early 1940's and it was probably during one of these periods that the trenching was done on the Green Glory Group of claims.

The present owner, Robert H. Wills, acquired the ground in late 1972 and has carried out prospecting and trenching since that time.

GENERAL GEOLOGY

The area within which the property is located is underlain by a series of altered sedimentary beds consisting of limestone, quartzite and shales, and highly metamorphosed schists. The beds strike about N50E and dip approximately 45 degrees to the ~~northwest.~~ SE

There are a number of Larimide granitic intrusives in this portion of Arizona. The intrusives are of Cretaceous-Tertiary Age and include granite, quartz monzonite, granodiorite and some porphyry equivalents of these rocks.

The geological formation of economic significance at this time consists of a bed of quartzite with an approximate thickness of 50 feet. The bed conforms with the

general geology, striking N50E and dipping to the ~~north-west.~~ SE The quartzite bed shows fracturing in several directions and these fracture zones often contain quartz veins, some of which have lenses of chalcocite with minor bornite. The chalcocite veins contain high gold and silver values as well as the copper with visible gold noticeable in many samples. The main fracture system containing the copper-gold-silver veins appear to strike slightly west of north and dip very steeply.

The lenses of chalcocite-bornite where exposed in trenching are generally narrow, being in the inches, but one wide quartz vein shows plums of chalcocite over a foot in width. Values range from 40 to 60% in copper, 50 to 200 ozs. silver per ton and 0.5 to 3 ozs. gold per ton. In addition, there is quite a high bismuth content in the veins. Values appear to be restricted entirely to the chalcocite lenses although some disseminated values are reported on another portion of the property.

The favorable quartzite bed is continuous and passes onto the adjacent Copper Bottom claims where development has shown similar high grade copper-gold-silver mineralization.

The apparent widespread mineralization on both properties leads one to conjecture on the possibility of a major orebody in the area and the fracture zones in evidence are mere offshoots and satellites from a main body.

DEVELOPMENT

Since the mineralization on the Green Glory claims appears to be related to that on the adjacent Copper Bottom property, the development on both properties is discussed. The information on the Green Glory claims is obtained from the writer's examination but that on the Copper Bottom property comes from a Field Engineer's Report of the Department of Mineral Resources of Arizona.[1]

The development on the Green Glory claims has largely been confined to a small area within the claim group where

1. Department of Mineral Resources, State of Arizona - Field Engineer's Report - Production Possibility Survey - Copper Bottom Mine, Oct. 20, 1942, by Elgin B. Holt.

some early trenching was done revealing quartz veins and shear zones within the quartzite bed. The present owner, Robert H. Wills, has more recently put down a number of small pits based on the use of a metal detector. This method has been remarkably successful and within a length of 50 feet there are pits showing 6 separate parallel veins striking roughly N 20 W. Insufficient work has been done to determine the continuity of the individual lenses or veins along strike or dip but they all indicated high values in copper, gold and silver, as shown by the following sampling results:

Description	% Copper	Gold Ozs./ton	Silver Ozs./ton
Sample of chalcocite vein, taken by H.J. Bergmann	61.9	0.65	69.1
Massive chalcocite-bornite, Spl. No. 1 BF, taken by Phelps-Dodge Corp., J.D. Forrester	* 40-60	1.80	128.4
Massive chalcocite-bornite, Spl. No. 1 CF, Phelps-Dodge Corp., J.D. Forrester	* 40-60	1.0	167.0

*Assayed by X-ray and letter attached to assay sheet states that samples contain 40 to 60% copper.

The veins are quite uniform and it is apparent that they all contain similar high values.

In addition to the small pits mentioned above, Wills blasted a pit into an irregular but large quartz vein approximately 140 feet northeast of the most easterly chalcocite vein. This quartz vein showed a number of irregular plums of chalcocite-bornite containing the same high gold-silver values.

The vicinity has been worked as a dry gold placer area and there is evidence of placer workings on the Green Glory claims and vicinity. It is believed that the source of the gold is the erosion of the numerous copper-gold-silver bearing veins such as those found on the Green Glory claims.

The Copper Bottom mine on the adjacent claims has been developed underground dating back to 1905 and again in the 1940's but only sporadically since that time. Reference is made to a shear zone striking N 45 E containing a number of parallel stringers of rich copper-gold-silver assaying around 35% copper, 45 ozs. silver and 3 ozs. gold per ton. In 1905 a bonanza was encountered in the workings which yielded 49 tons assaying $278.00 per ton in copper, gold and silver. This is probably equivalent to about $2,000.00 per ton at present metal prices. There is also mention of the following shipments made in 1940 and 1941.

1940 - 13 tons assaying 35% copper, 3 ozs. gold and 45.0 ozs. silver per ton.

1941 - 13,4 " " 34% copper, 3.1 ozs. gold and 48.0 ozs. silver per ton.

It is interesting to note references in Mr. Holt's report to widths encountered in the development of the high grade ore. Mention is made of drifting along a high grade stringer that was one of those that produced most of the high grade shipping ore. In the face of the drift at the time of his visit the vein was 4 feet wide with streaks of high grade shipping ore on each wall. Mention is also made of a crosscut in the Upper tunnel that cut seven veins within 50 feet showing widths from 8 inches to 3 feet. The 3 foot vein assayed $67.00 (old price) per ton in copper, gold and silver. This is the tunnel from which the 49 ton bonanza mentioned above was removed in 1905.

In addition to the zone containing the high grade veins which seem to be of a similar type to those obtained on the Green Glory claims, a "vein-dike" has been traced on surface for a length of 4,500 feet. This strikes roughly north-south with a width of 15 to 20 feet and has copper-gold-silver values showing at intervals along this length. At the time of Holt's report, this was not developed underground but was sampled on surface in 1940. Mr. Holt mentions a 100 lb. sample that assayed 4.80% copper, 0.10 ozs. silver and 0.005 ozs. gold per ton. There is also mention of a carload shipment from the test pits that averaged $9.00 (old price) per ton in copper, gold and silver.

CONCLUSIONS AND RECOMMENDATIONS

From the development work carried out on the Green Glory claims now under option to Royal Agassiz Mines Ltd. and on the adjacent Copper Bottom property, a number of conclusions are evident.

1. There is a widespread distribution of high grade copper-gold-silver bearing veins.

2. Sampling on both properties has shown a consistent high grade ranging from 35% to 60% copper, 0.6 ozs. to over 3 ozs. gold per ton, and 45 ozs. to 150 ozs. silver per ton.

3. There is also evidence of developing lower grade veins containing copper-gold-silver values with widths up to 20 feet.

4. Geological conditions are favorable and past history shows that exposures of this type of high grade veins some times lead to the discovery of major deposits at depth--Example - Phelps Dodge Corporation's Ajo, Cornelia Pit operation which underlies high grade veins that were mined prior to the discovery of the larger primary deposit underlying the area.

5. The chalcocite-bornite type of veins lend themselves to low cost concentration with good recoveries. The proximity of smelters and other facilities should make it possible to attain production of any orebodies with relatively low capital costs.

The above conclusions make it evident that the Green Glory Group of claims are a promising prospect that warrants a comprehensive exploration programme to determine if a commercial deposit exists. The following recommendations are made for the exploration of the property:

1. An induced polarization survey over a test area in the vicinity of the test pits showing the high grade veins. This is the most sophisticated of geophysical surveys and should detect the narrow chalcocite-bornite veins and would also detect a major porphyry type ore body at depth.

2. Concurrently with the I.P. survey, a limited drilling programme should be carried out to investigate the known high grade veins. This drilling programme would then be enlarged to test the anomalous zones indicated by the I.P. survey.

3. If the outcome of (1) and (2) is successful, the I.P. survey should be extended to cover the favorable zone along strike in both directions.

4. A major drilling programme to test any additional anomalous zones and to outline tonnage and grade of the copper-gold-silver zones indicated.

ESTIMATED COSTS OF PROGRAMME

1.	Induced Polarization survey on test area	$ 5,000.00
2.	Initial drilling programme	8,000.00
3.	Additional I.P. survey	15,000.00
4.	Supervision and engineering	5,000.00
5.	The size and cost of the major drilling programme will depend on the results of the initial exploration with a probable minimum expenditure of $50,000.00.	

Respectfully submitted,

H.J. Bergmann, P. Eng.

Montreal, Que.
March 19, 1974.

P. O. Box 538
Quartzsite, Arizona
85346

May 12, 1985

Mr. Kenneth Phillips, Mining Engineer
Arizona Dept. of Mineral Resources
Mineral Building, Fairgrounds
Phoenix, Arizona - 85007

Dear Mr. Phillips: Re: The recent "Big Gold Strike", Quartzsite.

I, personally, don't know Mr. Dan Patch, only what I've heard and read of his "find" in this area. I am an independent prospector, am 67, and have been prospecting, off and on, for over 50 years in the U. S. A., and abroad. This includes about 18 years of mainly winter prospecting in the Arizona and Quartzsite area. I presently hold a group of lode claims several airline miles from Mr. Patch's property. I won't mention where, at this point, due to the present focus of interest in this area. I have always felt that this part of Arizona will, one day, support a very viable and productive copper-gold-silver mining endeavor. Perhaps the current spotlight of interest may lead to positive results. I sincerely hope so?

Yes, there are quite extensive "showings" of disseminated, visible gold, on outcrop, in a number of areas, contained within many, mainly primary chalcopyrite-bornite veins and veinlets, many leached and oxidized, wherein only the visible gold "flecks" (native gold) remain. I have, in past years, prior to Mr. Patch's arrival on the local scene, prospected his area quite thoroughly, in line with my field "detective work." I eliminated it as too "spotty" to warrant further effort. However, that is but my personal opinion, and based upon surface "showings." During the course of my field investigations, I believe that I have somewhat narrowed down the possible source (?) to the probability of a fault system lying to the South of my group of lode claims, and, that the primary mineralization in evidence thereon, some secondarily enriched to chalcocite, etc., has originated downdip, toward the fault area? This remains to be proven.

The particular strata of note, on our claims, on outcrop, consists of a steeply dipping (approx. 45°), 50-60 ft. thick bed of meta-quartzite, which, in turn, overlies a bed of tourmaline schist. In a test pit, on a small hill (possibly a small, anticlinal fold), I have a 4-6ft. thick quartz vein outcropping from the bedding plane between the two beds. From within that quartz vein, I have excavated quite a number of small "pods" (masses) of very rich "steely chalcocite", altered and enriched from the original, primary chalcopyrite-bornite minerals. It appears that the mineralization has penetrated, via the vein, from the underlying schist bed, and into the many shears and joints within the overlying quartzite, wherein it is exhibited, on outcrop, as many closely parallel "tension fissures" cutting across the quartzite bed in a quite uniform array. The "pods" of chalcocite removed from the vein run to masses of up to approx. 18" in dia. They enclose a fair amount of the underlying schistose rock, in rounded and "rolled" balls, and small masses, indicating movement within the vein. Some schist appears to be replaced by the chalcocite. The chalcocite extracted from the above vein was very rich material, and, on assay, revealed a content of 40-60 % Cu, with from 1 oz., to 1.8 ozs gold per ton, 128 ozs, to 167 ozs silver per ton and from about 2,000, to 2700 p.p.m. of bismuth. Was very little lead

zinc, etc. Disseminated, visible gold "flecks" of native gold are found throughout all of the mineralized shear joints, fissures, and fractures as exhibited within the overlying bed of quartzite. This occurrence is quite prevalent, along the strike of the beds for long distances, and, as much as up to two miles. Occasional "hot spots" of high grade material "break thru", from the schist bed, and into the overlying quartzite bed, here and there, along strike. The above-mentioned small hill, and test pit area, is one such "break thru." The schist bed, when intact, (without faulting) appears impervious. However, on the above-mentioned small hill, there is a definite "rupture" providing ingress of mineralizing solutions into the overlying quartzite, via the large quartz vein at the pit site.

Various assays show that the chalcopyrite-bornite veins and veinlets (manyaltered to enriched chalcocite, and oxidized and leached covellite, malachite, azurite, etc.) contain, invariably, disseminated native gold throughout their mineralized "shoots", along with up to 40-60 % Cu, to several ozs gold per ton, 50, to over 200 ozs silver per ton, and a fairly high bismuth content. To me, this represents a good "arguement" for, at least, a limited probe drilling effort, etc. to attempt to determine the source of the outcropping mineralization. My health prevents me from following through on this type of effort. I strongly feel that we are not too far from the source of this material, and that at least a "good try" here is entirely warranted. If you, or, one of your associates would be interested in examining some excellent, very high grade specimens of the above, I have some here at our place in Quartzsite. I would be interested in possibly allowing a larger company, with adequate financial backing, to quietly and confidentially work toward the possibility of exploring for, and developing, a viable, productive operation on our property. My wife and I are sole owners, with title intact, and all works up-to-date, and certified as such by the U. S. B. L. M.

We live here, in Quartzsite, at the "Tyson Mobile & RV Park" (Not the Tyson Wells Park), Space # 1 (on left as you enter Park), on the Int. 10 Business Frontage Rd. (North side), between the two new concrete bridges. Our telephone number is: 927-6148. Call, or, write, ahead for an appointment, so we will be sure to be on hand. Thank you.

I strongly feel that this area has excellent promise toward one day establishing a productive mining district wherein the mining of quite valuable, economic deposits of copper-gold-silver will be realized. There are good indications of such deposits, on outcrop in several locations, awaiting the arrival of knowledgeable professionals to properly interpret their significance, and with the financial resources to prove them out. We badly need expertise, not promotions per se!

Thank you for your patience in perusing the above.

Most sincerely,

Robert H. Wills

Robert H. Wills

Beard Cases

Green Story Group -

May 26, 1983

Mr. Robert H. Wills
P.O. Box 538
Quartzsite, Arizona 85346

Dear Mr. Wills:

It was a pleasure to be of assistance to you but I'm afraid that your current problem is beyond my expertise. Judging by your letter it appears that Mr. Thompson believes your claims to be invalid for some reason. Perhaps he thinks that the fact that the BLM issued him serial numbers proves that his claims are valid. This, of course, is not true as the BLM has neither the money or the manpower to check out the claims that are filed.

I'm quite sure that it is not necessary to hire an attorney to seek relief from the courts but it is certainly advisable. I don't know how much it will cost but I believe that it will be money well spent. Sometimes all it takes is a letter from an attorney pointing out the laws and how it relates to the facts to convince an adversary that his position has no merit.

If you prefer to pursue the matter in the courts on your own I suggest that you inquire of the Clerk of the Superior Court in La Paz County as to the proper proceedure to follow.

I hope that you can get this matter resolved satisfactorily and that you can promote your property successfully. If we can be of further assistance please contact us again.

Sincerely,

Richard R. Beard
Mining Engineer

RRB:at

P. O. Box 538,
Quartzsite, Arizona
85346

May 19, 1983

Richard R. Beard, Mining Engineer
Arizona Dept. of Mineral Resources
Mineral Bldg., Fairgrounds
Phoenix, Arizona - 85007

Dear Mr. Beard:

I would first like to thank you for the information in your letter of May 11th. It is appreciated, and nice to hear from you again.

A very serious problem, of what appears to be a blatant, wilful claim-jumping attempt on our Green Glory Group of lode mining claims has arisen. In essence, the situation is thus:

Sometime during 1982 (?), and unknown to us at the time, a one R. L. Thompson, of Orlando, Fla., who calls his "outfit" the "Rainbow Cop-Sil Mine", and designates himself as "President", did willingly and knowingly enter, by his own admittance before a witness, as well as myself, into the very center area of our G. G. Grp., and therein did tear down and scatter our legal monuments and posts, and then erected his own, illegal ones in exchange. His "claim" is based upon a new, 1982 "location", by himself and associates, and is filed and registered with the local Recorder, as well as the B. L. M. He was assigned a B. L. M. Serial number for it.

A Friend recently overheard Thompson "bragging" about going onto the G. G. Claims, destroying our monuments, signs, etc., and threatening that he would continue to do so. On this report, we went out to the claims, to find it to be true indeed. I had a witness with me, and we took photos of the damage, etc. and, the "new" posts and monuments erected by Thompson and associates. I then went over, to a mobile park next door, where Thompson was staying, in a small travel trailer, and confronted him with this information. I further presented him with a written notice to the effect that he was indeed in "illegal trespass' and may be subject to prosecution. I informed him of our unbroken chain of legal documentation, as legal claimholders since 1972. I presented him with copies of our detailed maps (on record), a copy of the new, 1982, A. R. S. (House Bill 2193 re: "Criminal Trespass, etc."), a copy of the latest available, B. L. M. Geographical Index report of April13, 1983, showing our annual work up-to-date, etc. He appeared quite unimpressed and stated he was the legal owner, and intends to persist in the matter. He was "put on written notice" that further depredations may result in court action and prosecution suitable to the case.

We were hoping to get some interested mining people in, to look over the property, possibly toward a transaction agreement of some kind. However, this situation may cloud our title? Exactly what sort of legal relief could we expect to get, and how, to eliminate this situation as soon as possible? Any pertinent advice would be most helpful. Thank you. How do we apply, to local courts, and with what data, in order to "Prove" that we are legal claimholders (under the new, House Bill 2193, or, other?), so that we may get a court order, to require Thompson, etc. to cease and desist with his illegal actions? What would this cost us, and would it be necessary to hire an attorney to handle it? Might we hear from you soon? Thank you.

Most sincerely,

Robert H. Wills

STATE OF ARIZONA
DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA 85007

May 24, 1974

COPY

Mr. Robert H. Wills
P.O. Box 538
Quartzsite, Arizona 85346

Dear Mr. Wills:

I an sincerely grateful for the geologist's report on your Green Glory property and hope you are successful in developing the many hi-grade showings into a profitable operation.

I certainly would agree with Mr. Bergmann's recommendation for core drilling.

Good luck and I will visit with you again at the earliest opportunity.

Very truly yours,

Glen Walker
Field Engineer

GW:m

file

P. O. Box 538,
Quartzsite, Arizona
85346

May 14, 1974

Mr. Glen Walker, Field Engineer
State of Arizona
Department of Mineral Resources
Phoenix, Arizona

Dear Mr. Walker:

Enclosed for your information is a copy of the consulting Mining Engineer's report concerning our Green Glory Group of lode claims. This report was made on behalf of Royal Agassiz Mines Ltd., the recent lessee.

Royal Agassiz Mines recently dropped their lease-option on our property, and a number of others, in order to concentrate on a new, large volume, low grade gold property they have acquired up closer to their center of operations in Quebec, Canada. They have so notified us to this effect, and have moved out.

Their total exploratory effort on the Green Glory Group was six drill holes, 2½" dia., with the use of a Gardner-Denver Air-Trac rotary percussion drill, drilled to an average depth of 200 ft. No I. P. survey, as was recommended by the consulting engineer, was performed. No trenching across the outcropping, high grade stringer veins, or attempts to follow same up, was made.

The engineer's report, in our estimation, reflects our own thoughts toward an excellent potential for this property, and, we feel, justifies a fairly comprehensive, further, professional study of the geology and mineralogy of this deposit, as well as a further, more detailed exploratory effort to determine its source.

I trust that the above will bring your record up to date concerning the Green Glory Group, along with the enclosed report.

We tentatively plan further small scale exploratory work as circumstances permit. If you are ever out this way again soon, please feel free to drop by anytime.

Most sincerely,

Robert H. Wills

Robert H. Wills

Encl: Engineer's Report
Green Glory Group

P. O. Box 538,
Quartzsite, Ariz.
85346

January 7, 1974

Mr. Ken A. Phillips
Mineral Resource Specialist
State of Arizona, Dept. of Mineral Resources
Phoenix, Arizona

Dear Mr. Phillips:

Please refer to our past correspondence during August, 1973 while I was staying up at Yarnell, Az., concerning my copper-gold-silver claims down here on the desert. (Re: my letters to you of Aug. 6, and 12, and yours to me of Aug. 9).

At that time I couldn't show you my claims because I had an agreement with Phelps Dodge Corporation to let one of their junior geologists, Mr. Forrester, perform a cursory field evaluation of the claims to determine what further interest they might have, if any, in case the geology looked favorable, etc.

They have since notified me that they have completed their field and lab evaluation, and though the property has merit as a small operation, they wouldn't be interested at this time in going ahead with any extensive exploration program. According to their geologist, they are worked to death and the company now, at least, has copper running out of its ears!

After their lab analysis and study of their samples taken on the claims, Mr. Forrester told me that the mineral specimens were so rich in copper, gold, and silver, they had to send them out to a commercial lab to further verify analysis, as their lab was having much difficulty with the exceptionally high grade, almost metallicly pure, samples. Their lab came up with an average 40, to 60 % Cu content, mainly chalcocite-djurleite-bornite, from 128, to 167 oz. silver, and one, to several oz. gold per ton.

P. D. Corp's geologist informed me that the gold is finely disseminated throughout the massive chalcocite-bornite, and, as noted above, carries exceptionally high gold and silver values. I was further told that the various massive mineral specimens showing specks of free gold (visible specks) were quite salable as mineral specimens.

P. D. stated that they do not understand the true origin of the deposit, and, as time permits, would like to send someone out to do further field research, though they are not tying me up with any sort of agreement with them.

I firmly believe that the deposit is directly associated with a primary, igneous intrusive source. There are also significant amounts and traces of other minerals involved which are usually of primary, igneous origin only. Any secondary chalcocite-bornite involved, I also believe, 15 ~~are~~ of hypogene, rather than supergene, secondary origin, that is, from hydrothermal or mesothermal, mineralized solution injection into the presently exposed, high grade surface stringers as show in the fracture joints of the quartzite-schistose strata on the claims. I believe that mineralized cross veins, and extensive shattering effect

underlying the surface of a dry wash channel downstream of the presently exposed, surface "stringer veins". It picked up readings on chunks of "float" up to about a cubic ft. in volume, lying under the wash to depths of about 5 or 6 ft. Few, or no, indications were on the surface of the sandy-gravelly channel because of the persistently high specific gravity of the high grade "float".

Geology of the strata of the area is alternating beds of quartzite, slate or shale, schist, etc., from about 40 ft., to 80 ft. thick. Dip of the beds is 40, to 45°, strike of outcrop is roughly WSW, and mineralized "zone" outcrops in the quartzite strata, the high grade mineralization mainly within "cross veins" at right angles to the strike of the outcrop of the rock strata. The high grade ore "stringers" vary from a fraction of an inch wide, to over a foot, and mineralization therein is of persistently high grade, metallic bornite-chalcocite ore. Some oxides and carbonates were found on the outer perimeters of "balls", "plums", or "kidneys" imbedded in the massive quartz capping. The massive quartz "capping" outcrops along the crest of a low ridge, and in dimensions is about 30 ft. wide x about 150 ft. long. Thickness of the "capping" varies from less than a foot, to six, or more, feet, and appears to be on a possible contact of quartzite and schistose strata. Rounded particles of schistose rock fragments, along with rounded particles of copper ore minerals were also imbedded in the quartz "capping" along with the high grade ore "plum".

I believe that the massive quartz "gossan", or "capping", may well indicate the possible presence of a sulphide ore body, or perhaps a vein system at depth, underlying the "capping". I have excavated a couple of prospect pits about four and six feet deep, through the first layers of the massive quartz at and near the point where the metal detector picked up the above mentioned "ore plum". The two excavations show quartz veins or layers proceeding downward into a shale or schistose rock strata underlying the quartzite with gangue consisting mainly of massive quartz of smoky white to glassy, almost "frosty" texture, along with considerable siderite and sericite (?). Underlying the quartz layer, or "capping" is a leached and bleached area with several layers of siderite, along with many nodules of quartz and siderite imbedded in the leached materials. Occasional small, residual nodules, or small "pockets" of both high grade copper ore, and carbonates, oxides, etc. are encountered here and there, in, and underlying the quartz "capping".

The above mentioned, high grade "ore plum" as was found embedded within the massive quartz 1½ ft. under the surface had a succession of several layers silicious "crustal" material overlying it. I had to break through several of these upward "domed" layers in order to reach the "ore plum" below. Surrounding the outer perimeters of the high grade sulphide "ore plum" (some 18 inches in diameter) were oxidized ore minerals such as cuprite, malachite, covellite, etc., all grading into the high grade center of the "plum", and, the entire mass imbedded into the smoky, to glassy white, and mineral stained quartz "capping". Considerable reddish hemitite, and some limonite was also present surrounding the "plum", or near the oxidized surface area of the quartz "capping". There is also a definite "doming upward" of the quartz layers in the second prospect pit. Also of the layers of shale or schistose rock strata which immediately underly the quartz "capping" area at this point. Appears as though considerable upward exerted pressures may be responsible.

Am going into some detail so that you can get as good a "picture" of the situation without seeing it on the ground. At the bottoms of the two prospect pits I get persistently high readings on the metal detector, though I have yet to excavate on downward to ascertain the reason for these readings.

The above mentioned pits are the only excavations performed as yet, all work so far being done with hand tools and limited use of powder to open up some surface "leads", and in the pits by "mudcapping", "snakeholing", etc., using a "mud" made with a fairly good clay content for "mudcapping" shots. I have no power drill, or any mining machinery or equipment other than hand tools.

The massive quartz gangue, along with the siderite, appears to be the exact same material that proceeds on downward into the shale and schistose rock strata lying immediately below the mineralized quartzite strata. I have found a good sized piece of "float" high grade ore that exhibits remnants of a schistose rock yet adhering to one side of it. This was found down the side of the ridge, immediately below the massive quartz "capping", thus indicating to me that some of the high grade ore is indeed imbedded in a schistose strata, possibly immediately below the quartzite layer.

I trust that the above details may give you a fairly good idea of the local geology, etc. There are also contacts with granitic, intrusive rocks to the north, west, and southwest of the claims, along with two main faults as are indicated on the county geologic maps. I believe that I may have found igneous porphyry material about ½ mile west, as well as some fault breccia material containing rounded sulphide ore remnants cemented into its mass (fairly fine grained material), in the test pits, as well as in a couple of the surface outcropping "stringer veins" of high grade ore.

From the information I have extended, do you believe that the source of the high grade materials might possibly indicate an association with an igneous origin? That is, would the bornite-chalcocite mineralization possibly be associated with an underlying vein system, an intrusive granitic stock, sill, or dike system, etc? Any ideas you can give me would be most appreciated. I personally believe, based upon some thirty years of prospecting experience, that this mineralization may well indicate a primary source at depth. I would appreciate your viewpoint on this. Thank you.

Let me know if you may be interested in looking at the ore samples I have available here. Might I hear from you soon?

Most sincerely,

Robert H. Wills

Robert H. Wills

General Delivery
Yarnell, Arizona
85362

August 12, 1973

Mr. K. A. Phillips
Mineral Resource Specialist
State of Arizona, Dept. of Mineral Resources
Phoenix, Arizona

Dear Mr. Phillips:

Thank you for your reply of August 9 to my inquiry of August 6.

My copper-gold-silver claims are located down in the desert country, on the pediments of a desert mountain range where temperatures are presently sizzling. That is why we are presently staying up here at Yarnell. We expect to again return to work the property about the first of October. Currently one of the large copper mining companies is performing some evaluation and research work in the area, and on the property, to determine the origin and extent of the deposit. Though I have no definite, written agreement with them as yet, I am letting them take a "first look" at it, otherwise, I would be most happy to show it to you.

I have a good, representative quantity of very high grade ore samples here with me at the present time. If you may possibly be interested in examining them, and if you may at any time be in this neighborhood, you are most welcome to do so at your convenience. Kindly let me know a few days in advance, by mail, and, I will make it a point to be here. We have our 25 ft. travel trailer (a FAN trailer) parked here behind the Oak Park Motel and Trailer Park on the main Highway 89, in town. I am engaged in some prospecting activity here in the Yarnell area during summer months. Mail dropped in Phoenix usually arrives here the next day.

Thank you for your information relative to the smelters, and to the mineral djurleite. It is most appreciated. I'm sorry to hear that no custom smeltering facilities are available to the small miner here in Arizona. With prices on metals steadily rising, this presents a handicap to smaller, independent operators. Are there any indications that this situation might be improved?

Most of the ore samples I have here with me, and which are quite representative of the ore carrying "stringers" which outcrop on the surface, are so metallicaly pure that they average 50 %, to almost pure massive chalcocite (80 %) copper, and carry from "two, to several oz. of gold, and about 167 oz. silver per ton. Some are of a bornite-chalcocite combination. Under a low power microscope, I am told, gold is noted throughout the massive, metallic ores, in finely disseminated form. There are, of course, the other metals I described along with them. I have other, high grade samples here which have not as yet been analyzed that appear to me to have a much higher silver content, though I could be in error. I found this "ore plum", or "kidney" within a massive quartz "capping", and extracted over 100 lbs. of metallic, high grade ore from said "kidney" after locating it with the aid of a metal detector through about 1½ ft. of solid, massive quartz in the "capping". In fact, the metal detector was instrumental in picking up the trail of high grade "float" chunks

that seems to closely follow the trend of the mineralized strata clearly indicates pressure shattering caused by the intrusion below of an igneous intrusive body, or bodies, possibly a sill, or a combination of a sill and/or a dike system, etc.

The massive, steely chalcocite-bornite specimens appear strikingly similar to the same type of high grade ore taken from one of the big, original veins at Butte, Montana, or, possibly from the old Magma, or Old Dominion Mines here in Ariz.

It all boils down to the fact that I sorely need some real professional advice, backed by some real, extensive experience in interpreting the geology and mineralogy of the area correctly! Plus at least a minimum exploration effort by someone with excellent experience qualifications, and the means to support at least a minimum, on-the-ground program, in order to ascertain which way to go on this!

I am, primarily, a prospector, and have been for over 30 years. I am no miner! I can drill and use some powder to a limited extent, though, I own no equipment. I am on a small, disability pension and cannot afford the proper professional help, nor can support a proper exploration effort. I have a rudimentary knowledge of geology and mineralogy and do know ore minerals.

I understand that your department has a function to assist with advice, etc. in helping to develop the mineral resources of the state. Is this correct? Perhaps, then, you can steer me toward an honest, reputable individual, or outfit, that may be able to assist, or possibly work with me on some sort of share, or partnership basis. I would be glad to consider such an arrangement. I wish to contact someone who has plenty of "moxee" and experience background in finding ore bodies, interpreting mineralization correctly, etc., and, who can support at least a minimum exploration attempt to determine whether or not we have a commercial ore body at depth.

I am not claiming that I do have an ore body, or vein system, etc. underlying the area. It is, of course, a pure gamble, maybe 50-50 or less! I only do know, that in over 30 years of prospecting, I have yet to see any richer copper-gold-silver mineral samples taken consistantly over a considerable area from high grade stringer leads as are outcropping over at least several thousand feet of strata.

If you may care to inspect the property, I would be happy to show it to you at your convenience. Let me know, though, a few days in advance so I would be here. No phone, just drop a note in the mail. We are here in Quartzsite, at Cushman's Trailer Park (Formerly Petersen's) Space # 20½, in our FAN trailer. I have a green, 4-wheel drive GMC pickup. Claims are 10 mi. out of town, over easy access. If you wish any samples, would be glad to send some, though have plenty here to see. If you ever wanted to stay over a day or two, a new, small, modern motel, the "Hi Ali" is the only one in town (good rooms). This is a busy area in winter ("Snowbirds"), so best to find out ahead.

Trusting I may hear from you at your convenience.

Most sincerely,

Bob Wills

Bob Wills

STATE OF ARIZONA
DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA 85007

August 9, 1973

Mr. Robert H. Wills
General Delivery
Yarnell, Arizona 85362

COPY

Dear Mr. Wills:

Thank you for your letter of August 6. Your copper-gold-silver claims do indeed sound interesting. From your description of the minerals found in your deposit, they very well may be much more valuable as specimens than as ores of the contained metals.

I would like to meet with you and visit your property at your earliest convenience at which time, after examining both the samples of the ore and the deposit, I may be able to make recommendations as to whether the deposit should be exploited for ore, specimens, or both. I would also be able to suggest markets for the specimens and methods of preparation.

You are correct in that smelters seldom accept small lots of ore. At present there are no copper smelters in the U.S. with available capacity to accept additional ores or concentrates. There are no ore buyers in Arizona that buy small quantities of ore.

The mineral djurleite is $Cu_{1.96}S$ and is very similar to chalcocite. It can only be identified as different from chalcocite by x-ray techniques.

The quantities of bismuth, arsenic, molybdenum, and tellurium given are not unusual in a sulphide ore of the type you have described.

I am looking forward to hearing from you in regard to arranging a visit to your property.

Sincerely,

Ken A. Phillips
Mineral Resource Specialist

KAP:m

General Delivery
Yarnell, Arizona
85362

August 6, 1973

Department of Mineral Resources
State of Arizona
Mineral Building, Fairgrounds
Phoenix, Arizona

Gentlemen:

I have a group of Copper-Gold-Silver claims from which I am obtaining some exceptionally rich high grade minerals, mainly Chalcocite-Bornite, in massive form, running from 40, to 60 % copper, plus very high values in gold and silver. A high percentage of the material exhibits visible specks of free gold. The gangue is smoky white quartz that varies from a white, to a green stained material. The almost metallic ore presents an exceptionally attractive appearance, with its almost steely, highly metallic luster against the green and white quartz background. I am also into some oxides and carbonates such as cuprite, covellite, malachite, etc. in a matrix of varicolored quartz, along with some chrysocolla. Am not sure I have turquoise.

It has been suggested to me that such material may be valuable as mineral specimens of a more or less unique quality. Therefore, I would like to make inquiry of your office as to how one would go about finding a market for this type of material as mineral specimens, how large the specimens should be prepared for sale, what average prices one could expect to realize for this type of material, who I would contact in this regard, would it be best to advertise for direct sales to the prospective consumer (and by what means?), or, would it be better to deal through a possible dealer on a more volume basis, plus whatever other pertinent advice your office may be able to extend? Thank you very much.

Concerning the shipment of high grade ores to the smelter, I have been advised that the smelter usually accepts no less an amount of ore than about ten tons minimum, and would prefer fifty ton lots. Is this correct? I have also been advised that there are "ore buyers" who might possibly accept high grade ores in lesser amounts than ten tons, particularly high grade material, but who pay a lesser price, per ton, for the same material than do the regular smelters. If so, could you advise me as to how I may contact such "ore buyers"? Do you have a list of such buyers available, along with their addresses? Are they bonded, or under some sort of legislative control regarding their methods of operation in Arizona State, etc.? How would one go about dealing with them? All possible information would be appreciated, where their offices are in Arizona, etc. Thank you.

Could you tell me what the mineral djurleite consists of? 1.35% This is a new one with me. Also, is it unusual to have more than 2,700 ppm of bismuth, more than 2,000 ppm of arsenic, 120 ppm of molybdenum, and more than 50 ppm of tellurium in this type of ore? Would this type of material signify an underlying, igneous source, or possible vein system at depth? I am extracting the above minerals from surface "stringer" veins thus far.

0.025%

0.06%

Most sincerely,

Robert H. Wills

Robert H. Wills

P. O. Box 538,
Quartzsite, Arizona
85346

Feb. 6, 1974

Mr. Charles H. Dunning
Consulting Mining Engineer
1635 West Earil Drive,
Phoenix, Arizona

Dear Mr. Dunning:

I am 56, a prospector, have been prospecting, off and on, for over thirty years, and on a full time basis during the past eight years.

I have read and enjoyed your excellent book entitled "Rock to Riches" and consult it from time to time.

I was advised that you are a quite honest and reputable person with an extensive experience background in the mining field, and so be able to advise me relative to the following:

I am not a formally trained geologist, however, I will try to outline the basic facts of this thing as best I can.

In 1973, after carefully prospecting the surrounding area over the previous two years, I initially located ten lode claims for silver-gold-copper out here, in a readily accessible area, in the Dome Rock Mts.

REPRESENTATIVE MINERAL FROM ALL VEINS, IS CONSISTENTLY HI GRADE AL MOST METALLIC PURITY

I am enclosing some random samples from the property for your information. The minerals are very high grade, no matter where I take them, from various outcropping, steeply dipping (about 90°), quartz veins on a more or less parallel orientation over a considerable area. There appear to be no low grade outcroppings at all on my property.

Surface signs (mineral stainings, etc.) of copper mineralization occur over an area roughly 2½ miles long, by about ½ mile wide, mainly in hundreds of parallel oriented, N-S bearing quartz veins varying from about an inch, to about 1½ ft. wide. The trend of the mineralization is roughly E-W, and appears to be more evident in the steeply dipping (40 to 45° SSE) quartzite beds. The strata contains alternate beds of quartzite, shale, schist, and slate. It is classified on the county geological map as Mesozoic Metamorphic. Contacts with granitic rocks are located a short distance north and west of the property. Fault lines on the map are indicated a short distance north, west, and south.

I have picked up "in place" samples of what I believe are granitic porphyry containing disseminated copper sulphide minerals throughout, which bedrock outcrops in a deep wash area approximately one mile W. of the center of the claims. No porphyry rock outcrops on the claims area itself.

A "red bed" of limonite-hematite stained schist outcrops in the bed of a dry wash that bisects the claims.

On a small ridge on the claims, where a massive quartz "capping" outcrops, I removed roughly spherical shaped "kidney" or "Plum" of very high grade, almost metallicy pure "glance" (chalcocite-bornite)

SEE SAMPLE BAG "A" ENCLOSED

in excess of 100 lbs. weight, and about 1½ ft. in diameter. This material analized out as a chalcocite-djurleite-bornite combination with 167 oz. silver, 1.8 oz. gold, and 60 % (sixty percent) cu. per ton. It also contained over 2700 ppm bismuth, over 2000 ppm arsenic, 120 ppm molybenxum, and 50 ppm tellurium. I was told that under a low power microscope fine gold was noted disseminated throughout the material. Specks of free gold are visually noted here and there throughout. Some of the glance is almost metallically pure. When dampened with water, all the high grade mineral has a very strong clay odor, probably kaolin or related clay. Kaolin (?) adheres to some samples as a coating (white).

SEE SAMPLE BAG "A" ENCLOSED

SEE SAMPLE BAG "B"

The gangue of the veins consists primarily of a cloudy to smoky-frosty looking, sometimes glassy, quartz, with siderite and sericite in considerable amounts. Some residual nodules and small "pockets" of kaolin encrusted cu carbonates and oxides were also found in the massive quartz "capping" which may or may not be either a possible bedding vein, or other vein outcrop, that also outcrops just below the quartzite strata, within the schist rock. Other quartz veins containing much sideri te, by volume, continue on down into the schist, below the quartzite bed.

A number of well rounded or worn fragments of both mineral stained schist, and of copper minerals, were also imbedded in the massive quartz "capping", as though they had been transported some distance.

What I believe to be fault or intrusion breccia of fairly fine grained, well rounded and ground up rock and quartz crystal fragments, etc. have been found associated with the high grade veins, or near to them. The high grade, mineralized "shoots" or "Paystreaks" in the outcropping quartz veins are of fairly close proximity to each other in the same veins. The ~~Quartz veins~~ PAYSTREAKS arerage about two, to six inches wide on surface showings.

I am not a formally trained geologist or mineralogist, however, have had a good deal of practical experience at field prospecting and some research into the whys, etc. I am familiar with some of the indications that point toward a possible primary source. This material, along with other indicators, seems to indicate such a source.

The general area was once a very active ~~fixed~~ gold placering field, and includes the La Paz, Middle Camp, Oro Fino, the Cholla, and the Plomosa Placers to the east. Formations include those classified as Mesozoic granites, gneisses, slates, schists, shales, etc., along with some Laramide granites, and a local butte, which appears to be a possible Laramide volcanic plug, or neck, called Sugarloaf Butte. Fault zones traverse the area.

My problem, in a nubshell, is this: I am a prospector, not a miner. My present, total income is confined to a small, gov't. permanent disability pension upon which my wife and I just barely exist. My enthusiamm, and optimism, however, is unlimited!! I cannot afford any expensive advice, nor can I support even a minimum exploration effort!! In fact, I don't even own a small, portable drill. My "speed" is small "shots", using powder for mudcapping, snakeholing, etc. for prospecting purposes in the field. I just "scratch" at the rock!

Therefore, I need reliable advice on who to contact, who would be an

honest, reputable person, or group, who would wish to negotiate, and financially support, at least a minimal exploration effort, to determine whether or not we could find an ore body, or vein system, etc. underlying the immediate area. In turn, I would be glad to negotiate any reasonable sharing ~~effort~~ agreement for services rendered.

I strongly feel that the circumstances most certainly warrant an exploratory effort in this direction, possibly a minimum but practical drilling program at the very least.

If you, personally, may be interested in looking over the property on the above basis, or could direct me toward a reliable person, or group who would be, I would most certainly appreciate hearing from you at your earliest possible convenience. Your kind assistance or advice would be most appreciated.

If you, or anyone else you may send, might wish to examine the property, and view further samples here, I am here at Cushman's Trailer Park, Quartzsite, Arizona, Space # 20½, on the west side of the park, on the Interstate Highway # 10 frontage road in town. We do not have a phone, but a message could be left for me with Clyde Cushman, the owner-mgr. if someone phoned him. Please contact me by letter at least a few days before coming out, so I would be sure to be here, if you would contact me by mail. Thank you very much.

I trust that you will give the above your most serious consideration, and I shall be looking forward with pleasure to your reply.

Most sincerely,

Robert H. Wills

Encl: Mineral samples

Robert H. Wills
P. O. Box 538,
Quartzsite, Arizona
85346

All samples taken on, or near surface exposures / outcrops, except Sample Bag "9" "9" was taken from within massive quartz "capping" about 2 ft. below ground level, in solid quartz.

P. O. Box 538,
Quartzsite, Arizona
85346

April 17, 1974

Mr. Glen Walker
Field Engineer
State of Arizona
Dept. of Mineral Resources
Phoenix, Arizona

Dear Mr. Walker:

Thank you for the information requested. It is much appreciated. Have been busy or would have written to you sooner. You asked about the current status of our Green Glory prospect.

We have leased for a one year period, with option to purchase, to the Royal Agassiz Mines Ltd. of 130 Brunelle Street, Beloeil, Quebec, Canada. Mr. Charles D. Robbins of Beloeil is president.

This company initiated an exploration program, and thus far have drilled several holes to an average depth of 200 feet, using a Gardner Denver "Air Trac", PR-123, rotary percussion drill. J. D. Oliver of Gilbert, Arizona is doing the drilling for them on a contract basis. Drilling was getting ahead of the assaying, thus the drilling is presently shut down, but will resume again shortly.

An Induced Polarization (I. P.) survey is tentatively programmed for the near future prior to any deeper drilling program being initiated. Field studies of the geology and mineralogy of the area are currently underway. An engineering report made on behalf of the company appears to be quite favorable, and recommends a substantial expenditure toward a detailed exploration program.

The above pretty well covers the status of the property at the present time. I trust that this information will be of some help to you.

As to general geology and mineralogy of the deposit, as it is understood thus far, the fairly numerous, extremely high grade "stringer" veins (averaging inches in width) as are outcropping as "cross", or "gash" veins within a quartzite bed, in a heavily sheared and fractured zone, run quite rich in copper, gold, and silver. It is generally agreed that the mineralization is of a primary nature, however, the source of the deposit is not yet understood. Copper minerals thus far identified by analysis are: Chalcopyrite, bornite, djurleite, chalcocite, cuprite, malachite, azurite, brocantite, covellite. Visible flecks of gold appear in most samples taken. No silver minerals have been identified, though samples are quite rich in silver when analyzed. Other accessory minerals include specularite, hematite, siderite, sericite, ilmenite. Analysis also indicated 2,000 to 2700 ppm bismuth, 2,000 ppm arsenic, 500 ppm lead, 155 ppm zinc, 120 ppm molybdenum, and 50 ppm tellurium from one sample adjoining the vein material at one point. All above minerals taken from the numerous, high grade stringer vein outcrops within the quartzite bed. Small "veins", or seams of what appears to be fault or intrusion breccia are noted, most of which are well mineralized with copper, and which show visible free gold flecks. The breccia is fine grained. Samples of a granitic porphyry showing disseminated copper sulphides were taken, in place, from one point in the general area.

[redacted]

[redacted]

Boxwork limonite has been found scattered in several areas on the alluvial flats, and on several low hilltops in the general area. Magnetite cobbles, and gravel sized pieces of same, are generally scattered over the area.

The mineralized "zone" in the vicinity shows many "cross" or "gash" vein s mineralized with copper minerals, including chalcopyrite veins, or stained with copper minerals, covering an area roughly two and one half miles long, by about one mile wide. Main showings of copper mineralization appear to be contained within the highly fractured and sheared quartzite strata, though at least one small vein (approx. 2", to 10" wide), showing definite striation markings was found in an alternate layer of schistose rock. This vein was striking roughly E-W, almost at right angles to the "cross" veins in the quartzite bed lying immediately above it, which mainly trend in a roughly N-S strike. This vein was also a high grade vein of chalcopyrite.

The country rock in the area is comprised of steeply dipping beds of alternate shale, schist, quartzite, and conglomerate averaging from about 30 ft. thick, to over 100 ft, dipping about 45° SE. Outcrop of beds strike roughly WSW-ENE. Contacts with granitic intrusives lie to the west, south, and north, including Laramide Granitic Intrusives approx. five mi. north, Mesozoic Granitic Intrusives one mi. north, Mesozoic Gneiss one mi. south. Fault lines run NW-SE one mi. south, and roughly E-W one mi. to the north. What appears to be a granitic porphyry outcrop appears approx. 3/4 mi. W of the G. G. claims.

I trust that the above description will assist you with your records concerning the general geology and mineralogy of the claims area. If you are ever in the area in the near future please feel free to drop by.

Most sincerely,

Robert H. Wills

Robert H. Wills

CHARLES H. DUNNING
MINING ENGINEER
PHOENIX, ARIZONA

~~OFFICE~~
~~[illegible] MADISON ST.~~
~~PHONE ALPINE [illegible]~~

RESIDENCE
1635 W. EARLL DR.
PHONE AMHERST 5-1132

2-9-1974

Mr. Robert H.Wills
Quartzite, Ariz.

Dear Mr. Wills;

I appreciate your kind remarks about me, and your very thorough letter very much.

Unfortunately I am fully retired, and so invalidated that I cannot even examine a prospect from the inside of a car.

Also unfortunately, all of my old comradres who would grab at an opportunity such as you offer are either in the same shape, or gone entirely.

I suggest that you take up the matter with the Department of Mineral Resources of Arizona. They have four field engineers covering the whole state, and supposedly looking for just such a situation as you have, with follow up advice and help.

I was Director of that Department for seven years, and would be glad to take your situation to them personally, but should have your approval.

I would have a copy of your letter to me made to give them, and induce them to make an examination as quickly as possible. If their report is favorable we should have no difficulty in interesting one of the big outfits.

Please understand that I do not expectany remuneration for anything I can do , not even for minor expenses, I'm all for helping guys like you.

Sincerely,

P. O. Box 538,
Quartzsite, Arizona
85346

Feb. 12, 1974

Mr. Charles H. Dunning
Mining Engineer
1635 West Earll Drive,
Phoenix, Arizona

Dear Mr. Dunning:

Thank you very much for your most considerate reply of the 9th to my inquiry of the 6th. It is most appreciated. I also deeply appreciate your very kind offer to contact the Dept. of Mineral Resources on my behalf. I would welcome your assistance in this respect, and you certainly do have my permission to do so. I would further appreciate it if you would see that the Director of the Dept. received my mineral samples for his appraisal, along with a copy of my letters to you, as you suggested. Thank you. If you may incur any personal expenses in this regard, I would be most happy to reimburse you. Please let me know.

I had previously written to a Mr. Ken Phillips of that Dept. last summer, on August 6th, while I was up at Yarnell, Ariz., and briefly outlined the types of minerals I found on my Green Glory Group of claims. I asked him about their possible monetary value as mineral specimens. At that time, I was tentatively interested in the possible sale of specimen material as against ore value. He replied on August 9th saying that he would like to see my claims. I told him that we wouldn't be back down on the desertuntil October. Also, at that time, I had agreed with Phelps Dodge Corp. to let them take a first look at the property since they had professed an interest in it. They had a young man, a field geologist, do so for them. He only spent about two hours on the property when there. He was in a heck of a hurry, heading somewhere else, I guess, at the time. I later received a letter from the young P. D. Corp. geologist saying he had finished his evaluation and that the property had merit as a small mine operation, but apparently wasn't of sufficient size to interest the P. D. Corp. at that time. Their lab also confirmed the very high grade, metallic nature of the materials tested, and further stated they did not fully understand the origin of the deposit. The young man (their geologist) told me that they were very busy, and he had only a little time to take a quick look at it.

At that time, I had not had enough time to be able to uncover enough veins by hand work to make a really good showing for him to inspect. He seemed to be a good, serious kid, but inexperienced.

I did not get back on the claims to work and expose more mineral until about the end of October, last fall. Presently, I have now several good showings of excellent high grade, metallic material, all found, incidentally, with a high quality, Garrett metal detector, which located them (the veins) just below shallow overburden cover in each case. This is a very "hot" gadget for locating high grade metallic mineral veins, or "float", as described above, when buried.
Up to this time, I had not received any further reply from Mr. Phillips of the Dept. of Mineral Resources to my further letter to him of August 12, 1973, while I was in Yarnell. I again wrote to Mr. Phillips

just last month, on January 7th, again explaining my situation, as I did to you, stating the specific details, and asking him for the advice and assistance of the Dept., but again receiving no reply as yet from the Dept. of Mineral Resources. I am quite mystified by this. Mr. Phillips' first letter to me of Aug. 9, 1973 seemed quite enthusiastic. He never did come up to see my samples, at Yarnell. In June of 1973, before leaving for my summer's absence from the claims, I very carefully covered up all surface showings of high grade, metallic mineralization so that no one would "jump" me while I was gone.

I now have good "discovery" showings, as well as excellent samples from same (see my samples I sent you). At the time Mr. Phillips wrote to me on Aug. 9, 1973, I, of course, had to respect my initial agreement with Phelps Dodge Corp. to let them see the claims first. Now, I am free to consult with other parties as I may choose.

Receiving no further word from the Dept. of Mineral Resources, I then turned to you for advice and assistance. I firmly believe that I have a very good, high grade prospect, and one with an possible excellent potential. I would, therefore, deeply appreciate it if you would contact the Director of the Dept. of Mineral Resources, and show them my samples I sent to you, as well as a copy of my letters to you. I am sure that they would be interested, and would want to learn more about it. As I said, I would be glad to consider any reasonable interest agreement with anyone who might be interested in a possible, practical exploration effort.

My claims are legally located, and are recorded in my, and my wife's, names. I have ten in the Green Glory Group, and two more about ½ mi. east, in an extension group, so far. There is no litigation against any of them, though we did have a temporary misunderstanding with a Mr. Frank Fisher to the north of us, and an overlap of one of his claims into one of ours. Mr. Fisher and I have subsequently made a mutual agreement between us this fall, and I have his letter-statement, signed by him, stating that he had dropped several other, speculative, older and unproven locations adjoining the patented Copper Bottom mining claims, which dropped claims I then retained within my Green Glory Group perimeter. Mr. Fisher and I are now good neighbors, and have mutually wished each other well in our endeavors.

I have worked hard, prospecting the entire countryside around, for over two years after I found the first, initial "float", before I narrowed it down to that area immediately adjoining the NE corner of the patented Copper Bottom property. I respect the college boy geologist's excellent basic educational qualifications (the young man from P. D. Corp.), but, his total field experience, to date, is yet another matter! If only some of you knowledgeable oldtimers, with the real "moxee", the plain, old style guts, and the inexhaustable, "go-gettum" spirit were still around! But, you can't have everything, I guess!

Anyway, I certainly do thank you once again for your very kind advice and cooperation. It is most appreciated! Maybe, between us, we may yet get another copper district set up out here in W. Ariz.!

I was indeed sorry to hear that you are under the weather. I most sincerely hope and trust that your physical condition may soon im-

prove so that you may be able to again rejoin the rest of we yet "free spirits" out here on the uncrowded "Billy Goat and Burro Trails"! More power to you!

What was your opinion of the mineral samples I sent you? At today's almost unbelievable metal prices (and, they are heading ever upward!) those minerals look like high grade-high grade to me!

I will be looking forward to hearing from you. If you are ever going through here at any time, be sure to stop by. You are most welcome anytime!

The very best to you, and thanks again.

Respectfully yours,

Bob Wills

Bob Wills

P.S. Would appreciate it if you would also personally give the Dept. of M.R. a copy of this letter as well. Thanks again, Bob