

CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
416 W. Congress St., Suite 100
Tucson, Arizona 85701
602-771-1601
http://www.azgs.az.gov
inquiries@azgs.az.gov

The following file is part of the A. F. Budge Mining Ltd. Mining Collection

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

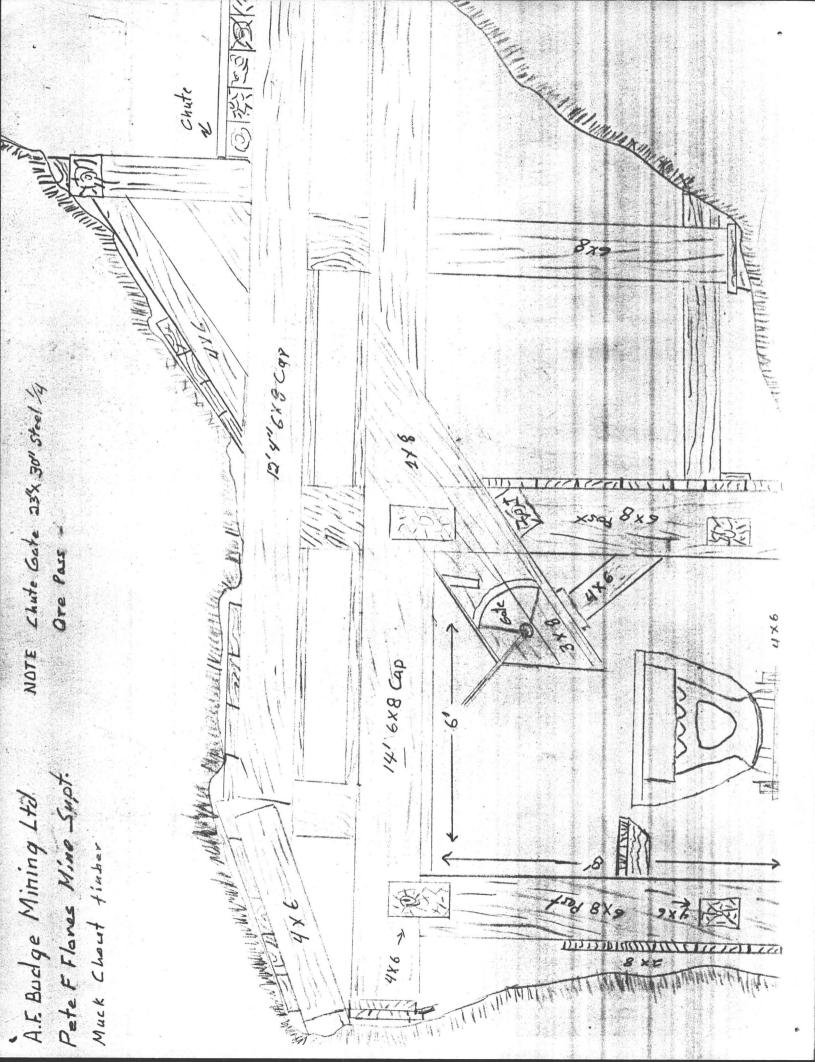
CONSTRAINTS STATEMENT

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

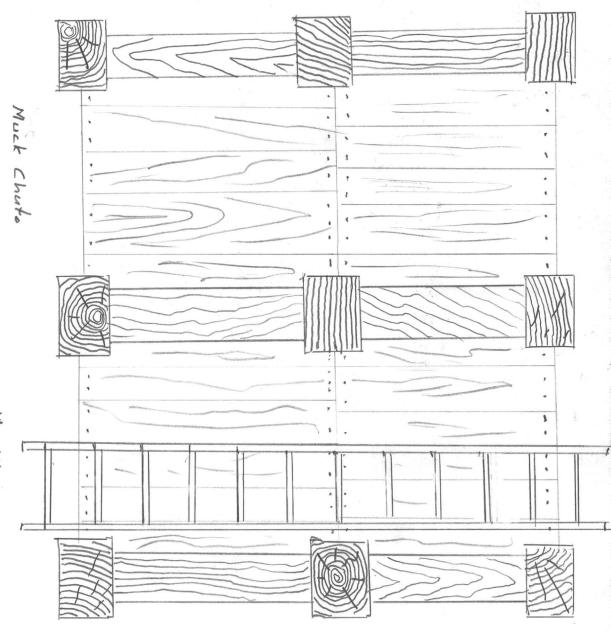
The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

QUALITY STATEMENT

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.



A.F. Budge Mining Ltd



Man Way



A.F. Budge (Mining) Limited

(602) 945-4630

4301 North 75th Street Suite 105 Scottsdale, AZ 85251-3504

FAX (602) 949-1737

March 19, 1992

W. Scott Donaldson, Esq. 301 W. Indian School Road Suite 102 Phoenix, AZ 85013-3214

Dear Mr. Donaldson:

Attached are copies of all settlement sheets relating to production of gold and silver from the Vulture Mine since January, 1990.

All activities associated with production at the Vulture Mine ceased in September, 1990. Thus, there are no settlement sheets for production in 1991. During 1991 and 1992, the main activity at the property was and still is the detoxification of the piles and the neutralization of the cyanide in the ponds. This process will continue until the amount of residual cyanide in the piles reaches an acceptable level with the Arizona State Department of Environmental Quality.

Sincerely,

Carole A. O'Brien

Mining & Financial Coordinator

parou a. O. Brien

c: M.R. Urman w/attachments J.C. Lacy w/attachments

A.F. BUDGE (MINING) COMPANY COLLECTION NOTE #: 1273 STOCK RECEIVED NOTE #: 1114 MATERIAL: DORE

Net before melt weight of mate	erial (gms.)		20,623.8
Gross after melt weight of mat	cerial (gms.)		20,516.8
Net after melt weight (not inc	21. 2.5 gms. to Cl	ient)	20,514.3
Settlement Assays	Gold Silver		3.249% 10.127%
Settlement Date			9/13/90
Market Fix, London p.m. Handy & Harman		9/14/90 9/14/90	
Metal Content and Gross Value	Gold ozs. Silver ozs.	21.429 66.793	
	GROSS TOTAL		\$8,595.82
LESS DEDUCTIONS			
Treatment Charge			\$500.00
Retained Percentage - Gold Silver	2.25% X 3.0% X	\$8,275.88 \$319.94	\$186.21 \$9.60
	TOTAL DEDUCTIONS		\$695.81
TOTAL DUE TO CLIENT			\$7,900.01

A wire in the amount of \$7,900.01 will be sent to A.F. BUDGE MINING COMPANY on or before 10/4/90

Checked and Approved:



A member of the Orion Corporation Group

GD RESOURCES INC.

450 E. Glendale Avenue Sparks Nevada 89431 Telephone (702) 358-9229 FAX (702) 358-9275

June 26, 1990

A.F. Budge (Mining) Company 4301 N. 75th Street # 101 Scottsdale, AZ 85251

ATTN: Dale Allen, Carol O'Brien

SETTLEMENT STATEMENT COLLECTION NOTE #: 1189, DORE STOCK RECEIVED NOTE #: 1043

Dear Dale, Carol,

Attached are the settlement data related to the recent shipment of material. Please call if there are any questions.

Thank You.

RECEIVED JUN 3 0 1990

Yours sincerely,

Kevin McNamara

Vice President, Production

DIRECTORS:

S. J. Kay (President),

Felice Cavallera

Financial Controller

KM/dlr

cc DT

K. P. McNamara (Vice President Production/Secretary), M. H. Olwyn (Vice President Finance/Treasurer)

A.F. BUDGE (MINING) COMPANY COLLECTION NOTE #: 1189 STOCK RECEIVED NOTE #: 1043 MATERIAL: DORE

Net before melt weight of mate	erial (gms.)		13,564.5
Gross after melt weight of mat	terial (gms.)		13,505.3
Net after melt weight (not inc	cl. 2.4 gms. to Cl	ient)	13,502.9
Settlement Assays	Gold Silver		3.850% 13.000%
Settlement Date			6/20/90
Market Fix, London p.m. Handy & Harman	Gold Silver	6/21/90 6/21/90	
Metal Content and Gross Value	Gold ozs. Silver ozs.		\$5,845.72 \$272.87
	GROSS TOTAL		\$6,118.59 =======
LESS DEDUCTIONS			
Treatment Charge			\$500.00
Retained Percentage - Gold Silver	2.25% X 3.0% X	\$5,845.72 \$272.87	
	TOTAL DEDUCTIONS		\$ 639.72

TOTAL DUE TO CLIENT

\$5,478.87

A wire in the amount of \$5,478.87 will be sent to A.F. BUDGE MINING COMPANY on or before 7/12/90

Checked and Approved:

pe



SERGENT, HAUSKINS & BECKWITH CONSULTING GEOTECHNICAL ENGINEERS

APPLIED SOIL MECHANICS . ENGINEERING GEOLOGY . MATERIALS ENGINEERING . HYDROLOGY B DWAINE SERGENT, PE
LAWRENCE A HANSEN, PH D PE
RALPH E WEEKS, PG
DARREL L BUFFINGTON, PE
DONALD VAN BUSKIRK, PG
DALE V BEDENKOP, P.E

JOHN B HAUSKINS PE MICHAELL RUCKER PE ROBERT W CROSSLEY, PE JONATHAN A CRYSTAL, PE PAUL V SMITH, PG NORMAN H WETZ, PE

GEORGE H BECKWITH, PEROBERT L FREW
JAMES H CLARY, C PG
NICHOLAS T KORECKI, P.E.
GERALD P LINDSEY, P.G
RONALD E RAGER, PG

ROBERT D BOOTH PE SUANG CHENG PE JAMES R FAHY, PE MICHAEL HULPKE, PG DAVID E PETERSON PG ALBERT C RUCKMAN, PE PAUL KAPLAN, PE

December 16, 1986

Budge Mining 7340 East Shoeman Lane Scottsdale, Arizona 85251 SHB Proposal No. 86-12-10

Addendum No. 1

Attention: A. J. Fernandez

Senior Mining Engineer

DMEA LTD.

DEC 1 7 1986

RECEIVED

Re: Heap Leach Facility Design

Vulture Mine Project Near Wickenburg, Arizona

Gentlemen:

Pursuant to discussions with A. J. Fernandez, Senior Mining Engineer, on December 11, 1986, we have revised our proposal for providing the geotechnical and hydrological engineering services required for the referenced project. The revisions discussed herein are specifically related to additional project details provided during the meeting.

It is our understanding that the structures presently onsite would be utilized for mill shops, offices and other No ball mills are involved and any required crushing equipment would be skid-mounted and not require Based on exploration detailed foundation investigation. data for the project area, the depth to bedrock is likely on the order of 20 to 30 feet. In addition, it is our understanding that a commercial clay source is available near Congress, thus exploration specifically for a clay source would not be required.

Heap Leach Facility Design Vulture Mine Project Near Wickenburg, Arizona SHB Proposal No. 86-12-10 Addendum No. 1

As presented in the original proposal, a three-phase program of studies was developed. Detailed surface water hydrology analysis was included in Phase II. Because of the importance of this element of the facility to overall project development, elements of this task specifically related to the diversion would be moved to Phase I of the study. Designs for the diversion alternative selected would be developed during Phase I in sufficient detail to allow its construction cost to be estimated. Thus, the impact of this project element on overall project costs can be assessed.

The design issue of placing a heap leach pad on top of existing tailings is recognized by both Sergent, Hauskins & Beckwith (SHB) and Budge Mining as being critical to site selection for this facility. Thus, an initial element of our Phase I studies would be to contact Arizona Department of Health Services (ADHS) to discuss this issue. It may be that a specific suite of laboratory tests could be completed to determine the leachate characteristics of the existing tailings.

We have revised our estimate of engineering fees for the proposed scope of work based on the changes discussed above. A revised Table 1 is attached which reflects the deletion of certain field and laboratory investigation elements, as well as the switching of some items of work from Phase II to Phase I.

Heap Leach Facility Design Vulture Mine Project Near Wickenburg, Arizona SHB Proposal No. 86-12-10 Addendum No. 1

This addendum should be attached to the original proposal and made a part thereof.

Should there be any questions, we would be pleased to discuss them with you.

Respectfully submitted,

Sergent, Hauskins & Beckwith Engineers

By

Lawrence A. Hansen, Ph.D., P.E.

Vice President

Copies: Addressee (2)

Heap Leach Facility Design Vulture Mine Project Near Wickenburg, Arizona SHB Proposal No. 86-12-10 Addendum No. 1

TABLE 1

Estimated Charges

Phase I	
Literature Review	\$ 750.
Field Investigation	3,000.
Laboratory Testing	1,400.
Engineering Analysis & Report	3,500.
	\$ 8,650.
Phase II	
Field Investigation	\$ 7,340.
Laboratory Testing	2,800.
Engineering Analysis & Report	3,000.
	\$13,140.
Phase III	
Preparation of Plans & Technical Specifications	\$ 4,000.
Permitting	\$ 1,500.
Construction Services	\$ 9,500.
	# 36,790 max-
	3611 1252
	beopar



MILLSAPS MINERAL SERVICE. INC.

March 7,1988

Ms. Carole O'Brien Manager A.F. Budge Mining ,Ltd 7340 Shoeman Lane, No. 111 B East Scottsdale,Arizona 85251

Dear Carole:

I certainly enjoyed my visit with you on Thursday and Friday. The trip to Vulture was a real treat. I was glad to get to know Dave better. He is a very nice person.

I read Don's memo on the Mazama property with considerable interest. I have a hard time understanding how Ed and Terry could have been so naive as to fall for such tonnage figures on the amount of drilling done.

Don wandered a bit in eliminating recovery of gold by cyanide in presences of sulfides. As long as the gold is not intimately associated with the sulfides cyanidation is not precluded. Pyrite, arsenopyrite, and chalcopyrite have very little effect upon cyanidation. Galena, sphalerite, and chalcocite increase cyanide consumption as they are quite soluble. Over the years and around the world there have been gold cyanidation plants operating on ores where the principal gangue material was sulfides. Getchell near Winnemucca operated for years in an arsenopyrite ore. The Empress mine in Fiji had a pyrite pipe, like UV, carrying free gold.

If the gold is intimately associated with sulfides it becomes a matter of economics as to the feasibility of recovering gold by cyanidation.

Regardless, of all other considerations the report does not indicate enough possible ore, or even any ore to justify a major investment in exploration unless one was interested in the copper possibilities.

Thanks for letting me see this. I am returning it to you today

Trul.

Sincerely,

M E M O

T0:

Ben F. Dickerson, III, Carole A. O'Brien

FROM:

Don White

DATE:

January 2, 1987

SUBJECT:

Sensitivity of Vulture relict collecting.

Through an error in judgement on my part while at the Vulture Monday, December 29, 1986, I became aware of a problem we will have to be very careful with in the future. I was underground with a friend from Jerome. He is a mining history buff and hence was along for pleasure and our mutual safety while I learned what I could of the geology. We observed that the water is now at 1710' elevation or about 100' down the incline from the 600 level. There was evidence that it comes up above the 600 level at least seasonally. On the 600 level we salvaged three broken, mud-encrusted Hercules powder boxes. We liked them, they were going to disintegrate where they were, and future mining would even destroy access to them.

Upon leaving the property late afternoon we were encountered by John Osborne who just returned from Phoenix (I had not seen him any time Sunday or up to then Monday). He spotted the boxes in my jeep and said, "...lease is on minerals only... can't take anything or Larry will hear about it and use it against you." I left the boxes for John to lock up in the assay office.

The chances are that is the last we'll hear of that specific incident but it recalls to me the Osborne's reaction on previous occassions. Once Jim Prudden found a pick head, clearly old and discarded but useable. When Jim Osborne spotted it and Prudden said he wanted to use it, Jim Osborne just about went crazy. Drillers on several occassions have been chewed out for utilizing odd materials laying around the property in severe states of corrosion or deterioration. What I foresee with our increasing busyness there on the part of surveyors, geotechnical folks, contractors and so forth is some sort of major incident over relicts.

Of course it's ironic that they should be so sensitive to theft and pilferage (which I prefer to call "salvage" and "rescue" for clearly lost and decomposing items) when major items like equipment and furnishings are being crushed by falling adobe walls for lack of maintenance of the sheet metal roofs. Of course the most significant loss is the buildings themselves. Even the assay office is now unroofing and walls fast falling. The windows are mostly blown in and items inside are periodically saturated. That's one reason I wrote Beal that letter offering to purchase some items.

Anyway, that's the situation and I knew you better hear about it. About all I can think to do about it is learn from my mistake and stress to others how sensitive they are and request that no one touch anything.

DRAFT COPY

INTERPRETATION

The initial induced polarization work was a test line over the known mineralized zone that has been mostly mined out. The zero station on Line 1 was on the Vulture lode between pit 3 and pit 4. This particular area provided the best test of the geologic conditions that existed along the entire mineralized zone prior to mining. A dipole spacing of 100 feet was used on the test line. The results show an anomalous body with coincident high resistivity centered at 0-1N and dipping to the north. The anomalous chargeability values show only a small increase over background. However, the anomaly presents a defineable pattern that does stand out against background chargeability. The increases in resistivity and in chargeability are what might be expected, and certainly hoped for, from a siliceous and weakly pyritic body.

After the test work, four survey lines were run. Line 1 and Line 2 were north of the present leach pads and ponds, the North Area. Line 3 and Line 4 were south of the leach pads and ponds, the South Area. These lines were oriented approximately parallel to the eastern edge of the quartz monzonite stock.

NORTH AREA

The bearing of all lines in the North Area is N 20° W. Line 1 and Line 2 were first surveyed using a 200-foot dipole spacing.

Anomalous chargeability values are present on Line 1 at 0-2N. A nearsurface geologic body dipping to the north is indicated. High resistivity is associated. This response is over the known mineralized zone and is similar to that obtained on the test line using a 100-foot dipole spacing.

A second near-surface anomaly on Line 1 is centered at 26N and is accompanied by high resistivity. To better define this response, surveying was done over the anomaly with 100-foot dipoles. This work shows the anomaly to be centered at 25N-26N, with high resistivity, and probably extending somewhat beyond these limits to 24N and 27N. Lines 7, 8, and 9 were also surveyed with 100-foot dipoles to obtain some idea of the extent of the near-surface response. On Line 7, the anomaly is centered at 23N-24N and high resistivity is associated. On Line 8, the anomaly is at 27N-28N, with high resistivity. On Line 9, the anomalous body may be reflected on the wider electrode separations centered at 27N-28N. This pattern could mean that either the anomalous body is at depth, perhaps downdropped by faulting, or that it is off to the side of the survey line to the east. On Line 1, Line 7, and Line 8, the causative geologic body is estimated to be within 50-100 feet of the surface. There is no indication of a dip to this body.

In summary, the near-surface anomalous geologic body is located at:

Line 1: 25N-26N

Line 7: 23N-24N

Line 8: 27N-28N

In addition to this response, the 100-foot dipoles indicate that other anomalous locations, perhaps localized and discrete, may be present. On Line 7, separate responses are at 19N-20N, 24N-25N, and 29N-30N. The response at 29N-30N is associated with high resistivity. A local charge-ability response accompanied by very high resistivity is on Line 8 at 24N-25N.

The 200-foot dipoles on Line 2 show an anomalous response on the wider electrode separations at 46N-48N. In order to provide better definition of this feature, surveying was accomplished using 300-foot dipoles, and moving the receiver and transmitter in 150-foot increments. The results show the anomaly to be centered at 46N at an estimated depth of 450 feet and coincident with high resistivity. However, this work also shows that overall anomalous conditions extend from 38.5N to 58N, and are still open to the north and south. To determine the extent of these responses, surveying was done on parallel lines using 300-foot dipoles.

On Line 5, anomalous conditions exist from 37N-58N and are still open to the north and the south. This anomaly may be due to two separate geologic bodies, rather than a single anomalous zone across the entire interval.

One geologic body would be centered at 49N and may be within approximately 100-200 feet of the surface. The second geologic body is at an estimated and is cancident with high resistantly. depth of 450 feet at 43N-46N. The chargeability pattern suggests that these geologic bodies are dipping northerly.

The chargeability patterns on Line 10 and Line 12 are virtually identical. On both lines, a near-surface geologic body, estimated to be within 100 feet of the surface, is at 49N-52N. A deeper anomalous geologic body, at an estimated depth of 300 feet, is at 40N-43N on both lines. The charge-ability pattern on Line 12 shows best the possibility that two separate anomalous bodies may be present. These geologic sources appear to be steeply dipping. However, on the wider electrode separations on the north ends of both lines, an increase in chargeability could suggest that the northernmost nearer-surface body may be starting to dip northerly at depth.

On Line 1, with 200-foot dipoles, anomalous results are seen at 44N-46N at an estimated depth of 400 feet. This response, although not very well defined, may be due to the same geologic body seen at depth with the 300-foot dipoles.

Line 6, 300-foot dipoles, does not present any definite anomalous conditions and would indicate that the anomalous zone is not within 600 feet of the surface.

In summary, then, two anomalous geologic bodies are present. A nearsurface body is located at:

Line 5: centered at 49N

Line 10: 49N-52N

Line 12: 49N-52N

A deeper body is at:

Line 1: 44N-46N

Line 2: centered at 46N

Line 5: 43N-46N

Line 10: 40N-43N

Line 12: 40N-43N

In addition, local responses are present on the wider electrode separations on Line 1 at 32N-34N and 16N-18N. These responses could conceivably be reflecting the top of anomalous bodies at depth. On Line 10, a separate anomaly is at 34N-37N and is associated with high resistivity. This response is on the first electrode separation and is estimated to be within 100 feet of the surface.

SOUTH AREA

The bearing of all lines in the South Area is N 12° W. Line 3 and Line 4 were first surveyed using a 200-foot dipole spacing.

On Line 3, there is a gradual increase in chargeability values in the interval 14S-32S. Surveying was done using 300-foot dipoles to get better definition. This work shows anomalies at 15S-18S and 30S-33S, both associated with high resistivity. The causative geologic bodies are at an estimated depth of 450 feet. The body at 30S-33S may be dipping northerly.

Line 11 was located to determine if the above anomalies continued to the west, and surveying was done with 300-foot dipoles. The data are interpreted to indicate two separate anomalies centered at 18S at an estimated depth of 450 feet, and at 27S at an estimated depth of 500 feet. The response at 18S is coincident with high resistivity. Anomalous conditions are still open to the north and the south.

There are no anomalies on Line 4 to the east of those just described on Line 3 and Line 11. It should be noted, however, that there are increases in chargeability just starting to be seen at about 22S and 32S on Line 4 on the 6th electrode separation.

Further south on Line 4, two anomalies are located at 64S-66S and 72S-74S on the wider electrode separations.

On Line 3, a high resistivity zone is centered at 70S at an estimated depth of 200 feet.

REPORT ON GNOME DEVELOPMENT COMPANY'S PROPERTY

To the President, Phoenix, Arizona,

Dear Sir:

Having visited and made a very careful examination of the above named mines, I find pleasure in submitting herewith my report.

LOCALITY

This property, comprising 15 lode mining claims each 600 feet in width by 1500 feet in length, is situated on the Hassayampa River in the Vulture Mining District, Maricopa County, Arizona, and lies about two-and-a-half miles west of Hot Springs Junction, a station on the Santa Fe Railroad, and 44 miles northwest of Phoenix. (See Locality Map, Figure 1.) Climatic conditions here are a little short of perfection.

GENERAL STATEMENT

As shown by the Map of Claims herewith appended, (See Fig. 2), it will be observed that the Hassayampa River, with its inexhaustible water supply runs along the east side of the claims.

The majority of the claim area, however, is situated along the gentle sloping hills of the west, at elevation varying from 100 to 200 feet above the river and approximately 1500 feet above sea level. On account of the comparative low elevation of the claims above the river, it may readily be inferred that the most feasible method of mine development and operation must be by vertical shafts and shallow adit level - the ore being hoisted, or lowered, to the adit, (See Figs. 3 and 4), may be conveyed by tram cars to the proposed reduction plant.

ORE TREATMENT

Owing to the high state of exidation of all present accessible vadose deposits of the property, it is quite obvious that no difficult problem will be encountered in developing some very simple and economic process of reduction. If, however, subsequent exploration of the deeper levels should disclose lead sulphides, (which is quite probable), in sufficient quantities to warrant the installation of a smelter, no better location from point of vantage could be selected for such a plant. The ores, as far as development has gone, are self fluxing, i.e. containing the gangue minerals, silica, lime and iron oxide in the right proportions to form the idealistic 3 x 33-1/2 slag. Large quantities of silizious lime stones and segregated masses of iron oxides abound throughout the property.

MINING GEOLOGY

The fundamental rock formation of this district is a dark grayish schist striking generally to the northwest and dipping on varied angles to the east. The formation I have correlated with the characteristic Cambrian schists of West Central Arizona. Lying unconformly against this and forming a well defined line of contact striking N 60° E (mag.) and dipping N.E. on angles 45° to 60° , occurs a darkish highly silicious dolomitic limestone rock. This latter formation, (of probable Lower Silurian age), has been much distorted by latter intrusions and overflows of Tertiary Rhyolites.

The rhyolitic rocks constitute the more prevalent formation of the eastern portion of the claims, while the schist rock intruded by diabase andesite and rhyolitic dykes comprise the area west of the above-mentioned line of contact of unconformable rock formations.

It is however clear and I think beyond question, that the more important ore bodies lie now and will in the future be found to occur along the contact vein (See Figs. 2 and 3), from the S.E. line of Grande No. 1 claim to the N.W. and of Grande No. 2 claim. At or near these two points the vein has been rendered obscure through faulting and subsequent covering by more recent flows of rhyolitic rocks. Near the N.W. side line evidence of faulting is quite obvious. Here the highly productive lode of the Montezuma mine has been heaved out of its true course some 300 feet to the Northwest. (See Fig. 2). This latter named lode, upon close inspection, was found to show most potent evidence of formerly being the continuation of the Grande contact fissure dike.

PRESENT MINE DEVELOPMENT AND ASSAY VALUES

Present development of the property has thus far been confined principally to the contact zone of the Grande No. 1 and No. 2 claims. At a point on the Grande No. 2 claim, designated an "85 ft. tunnel," an ore body replacing limestone has been crosscutted for a distance of 85 feet. This was carefully sampled by me and the first 45 feet from mouth to tunnel gave an average of \$7.20 silver and gold. The second 40 feet from mouth of tunnel gave silver and gold \$4.04 per ton, hence the entire 85 feet of this ore body is \$8.12.

RECOMMENDATIONS

In order to develop and operate this property in an efficient and mines-like fashion I would recommend the sinking of a double compartment vertical shaft at a point (indicated in Figs. 2,3, and 4), of the Grande No. 2 claim. This shaft, assuming the angle of contact fissure to continue on the uniform dip angle of 70° , should intersect the schist formation at the 730-foot level.

After selecting the mill site; the adit level, as shown in Fig. 4, should be driven from the surface to connect with the shaft. This would afford an easy conduit for the ore to the proposed reduction plant on the river. As the shaft sinking progresses, crosscuts should be made at each 100 ft. points as shown, and the ore drifted upon in opposite directions and systematically sampled.

GENERAL CONCLUSIONS.

In concluding this report the following recapitulatory statements are considered inevitable:

- The property comprises a well defined contact vein some 2000 feet in length and at one point this zone of contact has been crosscutted showing a width of fully 85 feet of oxidized ore that averages \$8.12 per ton in silver and gold.
- That this ore body will extend in depth and become further enriched upon meeting the sulphide zone, is my opinion.
- 3. I believe present indications fully warrant that the plan of development and operation as outlined in this report should be carried out as soon as possible.
- 4. It is my final conclusion that the property, with the initial expenditure of from \$75,000.00 to \$100,000.00 in development and equipage, could, if placed under competent management and skilled superintendency, be made to pay handsome dividends on all capital invested.

Respectfully submitted,

(signed) G. W. Miller, Mining Engineer and Geologist, Los Angeles, Calif.

January 2, 1920.

It is however clear and I think beyond question, that the more important ore bodies lie now and will in the future be found to occur along the contact vein (See Figs. 2 and 3), from the S. E. end line of Grande No. 1 claim to the N. W. and of Grande No. 2 claim. At or near these two points the vein has been rendered obscure through faulting and subsequent covering by more resent flows of rhyolitic rocks. Near the N. W. side line evidence of faulting is quite obvious. Here the highty productive lode of the Mondezuma mine has been heaved out of its true course some 300 feet to the Northwest. (See Fig. 2.) This latter named lode, upon close inspection, was found to show most potent evidence of formerly being the continuation of the Grande contact fissure dike.

PRESENT MINE DEVELOPMENT AND ASSAY

Present development of the property has thus far been confined principally to the contact zone of the Grande No. 1 and No. 2 claims. At a point on the Grande No. 2 claim, designated an "S5 ft. tunnel," an ore body replacing limestone has been crosscutted for a distance of \$5 feet. This was carefully sampled by me and the first 45 feet from mouth of tunnel gave an average of \$7.20 silver and gold. The second 40 feet from mouth of tunnel gave silver and gold \$9.04 per ten hence the entire 25 feet of this are body is \$3.12.

RECOMMENDATIONS

In order to develop and operate this property in an efficient and mines-like fashion I would reeommend the sinking of a double compartment vertical shaft at a point (indicated in Figs 2, 3 and 4). of the Grande No. 2 claim. This shaft, assuming the angle of contact fissure to continue on the uniform dip angle of 70', should intersect the schist formation at the 730-foot level

After selecting the mill site; the adit level, as shown in Fig. 4, should be driven from the surface to connect with the shaft. This would afford an easy conduit for the ore to the proposed reduction plant on the river. As the shaft sinking progresses, cross cuts should be made at each 1(0) ft. points, as shown, and the ore drifted upon in opposite directions and systematically sampled.

GENERAL CONCLUSIONS.

In concluding this report the following recapitulatory statements are considered inevitable:

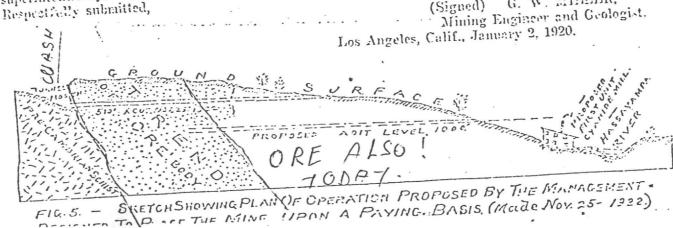
1st. The property comprises a well defined contact vein some 2000 feet in length, and at one point this zone of contact has been crosscutted showing a width of fully \$5 feet of oxidized ore that averages

2nd. That this ore body will extend in depth and become further enriched upon meeting the \$\$.12 per ton in silver and gold.

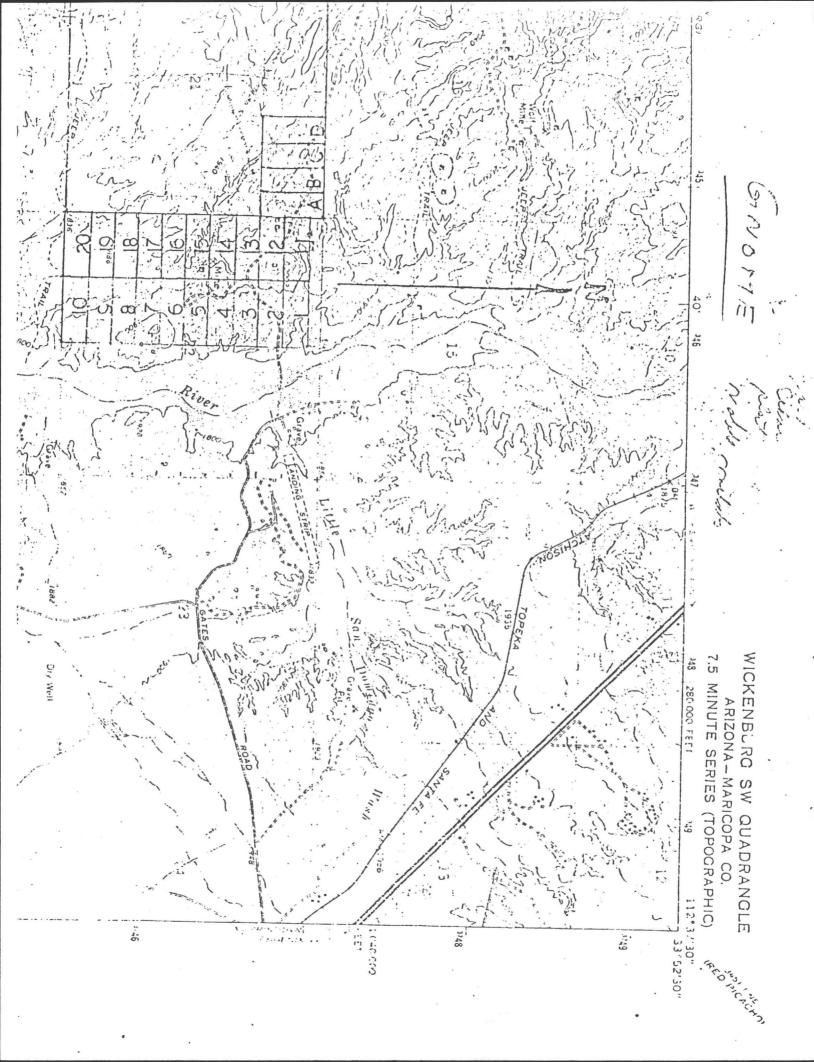
3rd. I believe present indications fully warrant that the plan of development and operation as sulphide zone, is my opinion.

outlined in this report should be carried out as soon as possible.

4th. It is my final conclusion that the property, with the initial expenditure of from \$75,000.60 to \$100,000.00 in development and equipage, could, if placed under competent management and skilled superintendency, be made to pay handsome dividends on all capital invested. G. W. MILLER, (Signed)



LUSERGME F15. 1. 5 JUNE 110H LOCALITY MAP MATGER IRON KING MILLS FOLARO NONE STELCK MINE SETIOFR MINE TOTA BELL MINE COUNTS LE DEE \$60005.50 אין בפרומטה שיווכ FINDENIX



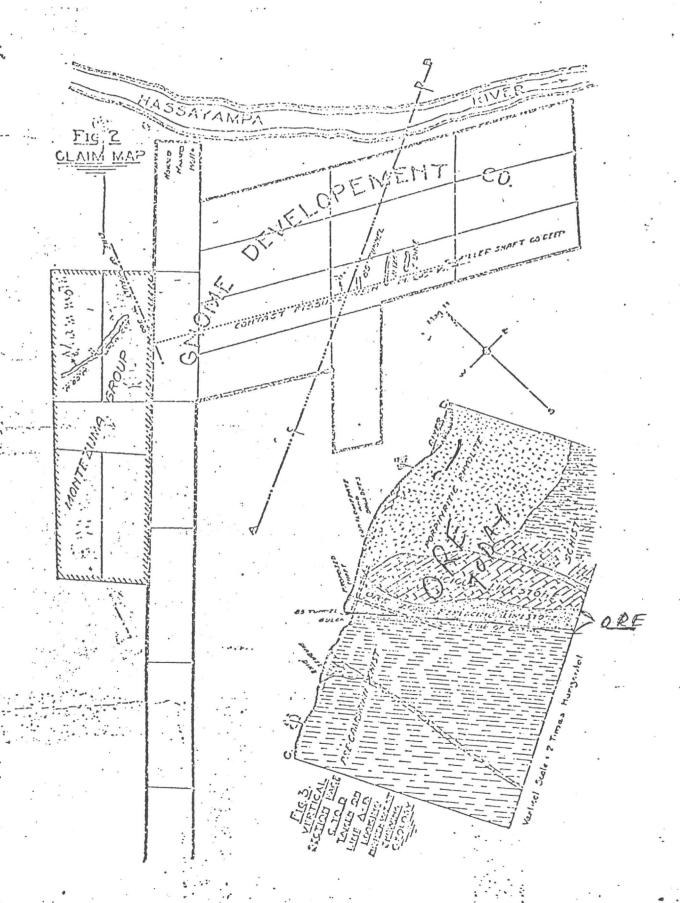


FIG 4.

IDEAL VERTICAL SECTION ON LINE A-B.

OF FIG. 7. SHOWING PROPOSED PLAN OF DEVELOPMENT

PLAN OF DEVELOPMENT Verl. Scale : 7 Times Horiz. FROFOSED VERTICAL SHAFT RODET, FROM MOUTH OF TURNEL M - 618 William, E.M.

ARRIVADNA ASIST

CHARACH

Phone 4447

315 North First Street

P. G. Don 144

This Certifien That the samples submitted for ussay by Mr. W. 11. Don thin

contain as follows per ten of 2.5.7

#1. News Boy	. 13.5
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$. 13.5
6 3.7 \$2.22 .15 \$3.00 7.4 7 4.1 \$2.46 .06 \$1.20 6	. 13.5
7 4.1 \$2.46 .06 \$1.20 8 4.1 \$2.46 .05 \$1.00	
8 4.1 \$2.46 .05 \$1.00	

9 6.2 \$3.72 .07 \$1.40	
7.7 \$4.62 .07 \$1.40 Trace	
$\bar{\rho} = 5.69$ $\bar{\rho} = 0.104$	
	i i
	i
	\$:

Dr. William Baker, 2727 N. Central Ave., Phoenix, Arizona

Dear Dr. Baker:

Mr. Charles Kunell requested that I brief you on the Newsboy Property, 4 miles west of Morristown.

The property consists of 12 unpatented lode claims and 2 millsite claims. It lies in the Vulture Mining District, 4 miles by road west from Morristown, on the west side of the Agua Fria River. The property is now contracted by the M. D. Kitt

The principal shipments of ore 1940-1942, totalled over 11,000 tons of ore that averaged \$9.27 per ton in gold and silver values and over 73 percent in silica. This ore comes from an open pit that was worked by power shovel under a lease to F. G. Mitto. The ore shipments are classified as follows:

- (a) Shipments to the United Verde, Clarkdale Smelter 5676.616 tons that averaged 0.063 oz. gold and 7.54 oz. silver per ton, valued at \$8.61 and 160.584 tons that averaged 0.038 oz. gold and 7.19 oz. silver per ton, valued at \$7.-- (1942).
- (b) Shipments to the Magma Copper Co. smelter at Superior 3425.985 tons that averaged 0.08502 oz. gold and 8.58 oz. silver to the ton, valued at \$10.37.
- (c) Shipments to the A.S. & R. Hayden smelter: 2007.319 tons at 0.057 oz. gold and 8.70 oz. gold and 8.70 oz. silver, valued at \$9.50.

This does - TOTAL: 11066.069 tons, valued at \$9.27 per ton.

In addition highgrade sorted ore of unknown grade and quantity was mined during the early days of the property, (1914 to 1940). The gold price in 1940-1942 was \$35.00 per ounce and the silver price was \$0.71 per ounce.

A report written by Arthur Flagg and D. W. Jaquayn during the year 1947, stated that the workings consisted of:

- 1. An open pit that obliterated some short underground adit driven prior to 1947 (an 84-ft. one).
- 2. A 430 foot adit crosscut from the pit face, in a NE direction (this is a continuation of an old adit).
- 3. 110 feet to the SE of No. 2, a second adit crosscut extended 110 feet in a northwest direction.
- 4. ____ feet SE of No. 3 is an old shaft near the footwall of the ore zone.
 - 5. 35 feet farther southeast is a more recent 45 foot shaft in the vein. This lies close to an old 22 foot incline (1915) and connects with a 40 foot shaft.
 - 6. Northeast of the pit is an inclined shaft, reportedly over 200 feet deep, and from the bottom of which, a 500 foot drift to the northeast was driven. The collar of this shaft is about 40 ffet above the floor of the open pit.

Mineralization follows a contact vein or ore zone that trends about N 60 deg. E and dips about 40-60 deg. NE. Precambrian schist forms the footwall and ryholite porphyry forms the hanging wall of the ore bearing zone and probably contains most of the ore. The schist is intruded by diabase and rhyolite porphyry dikes. In portions of the claims the older rocks are obscured by Tertiary rhyolite volcanic flows. The rhyolite hanging wall rock carries some gold and silver over a considerable width. The vein gangue consists of severely shattered quartz and also contains calcite.

The silver minerals are not readily visible. Rare copper oxide stains are seen although copper values were reported in some shipments. Lead although not generally plentiful is present as wulfenite, vanadinite, cerussite, and anglesite, in this order of importance. No sulphides were reported. The mineralized zone was identified over a strike length of over 1000 feet but only about 500 feet of this has been prospected, except by shallow cuts.

Tests and study by Arthur Flagg and D. W. Jaquayn, consulting engineers, indicated that 100 feet of pit depth could be attained by removing 1 ton of waste for 1 ton of ore. It was also indicated that over a width of 300 feet into the hanging wall the ground would assay nearly \$2.00 per ton in gold and silver. The better ore was estimated by various observers to be 85 to 100 feet wide. Flagg and Jaquays recommended a drill program on a 40-foot grid, to a depth of 200 feet or a total of 2500 to 3000 feet of drilling. They tentatively estimated that 3000 tons per vertical foot would \rightarrow give 300,000 tons for each 100 feet of depth. They gave the grade $2 \rightarrow$ of this ore, as indicated from , in the pit and part of the underground workings, as 0.05 oz. gold and 4 oz in silver per ton. With silver at \$1.29 per oz., the total value today would be \$7.26. A sample taken by Arthur Flagg (80-pound test sample) was tested by U. S. Bureau of Mines and assayed 0.075 oz. gold, 4.9 ounce silver per ton, 0.5 percent manganese, 0.05 percent copper, 0.6 percent zinc, 0.15 percent lead, and 77 percent silica. silica content is adequate for smaller flux.

2900,000 ->

Metallurgical tests by the U. S. Bureau of Mines and the Arizona Bureau of Mines on the above and another sample sent by Mr. Flagg showed the ore to be refractory. The U. S. Bureau reported gold and silver recoveries of 80 and 46 percent respectively after dissolving some of the manganese before cyaniding.

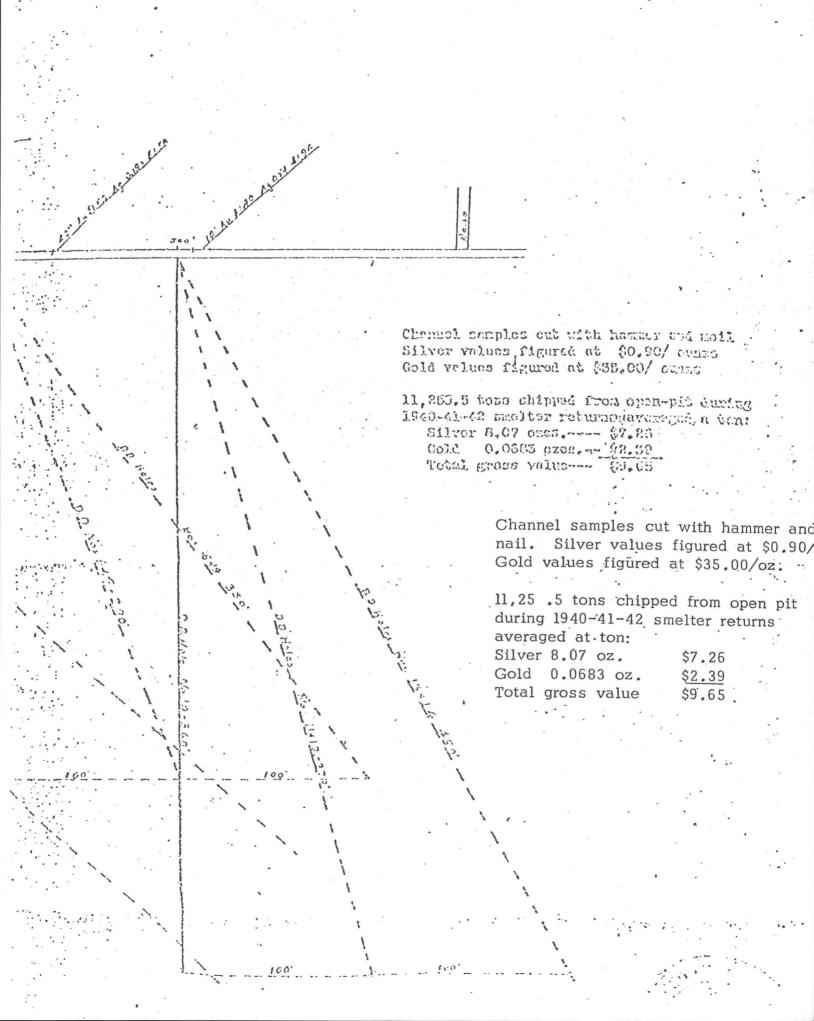
We have no information as to whether the recommended drill program was ever undertaken.

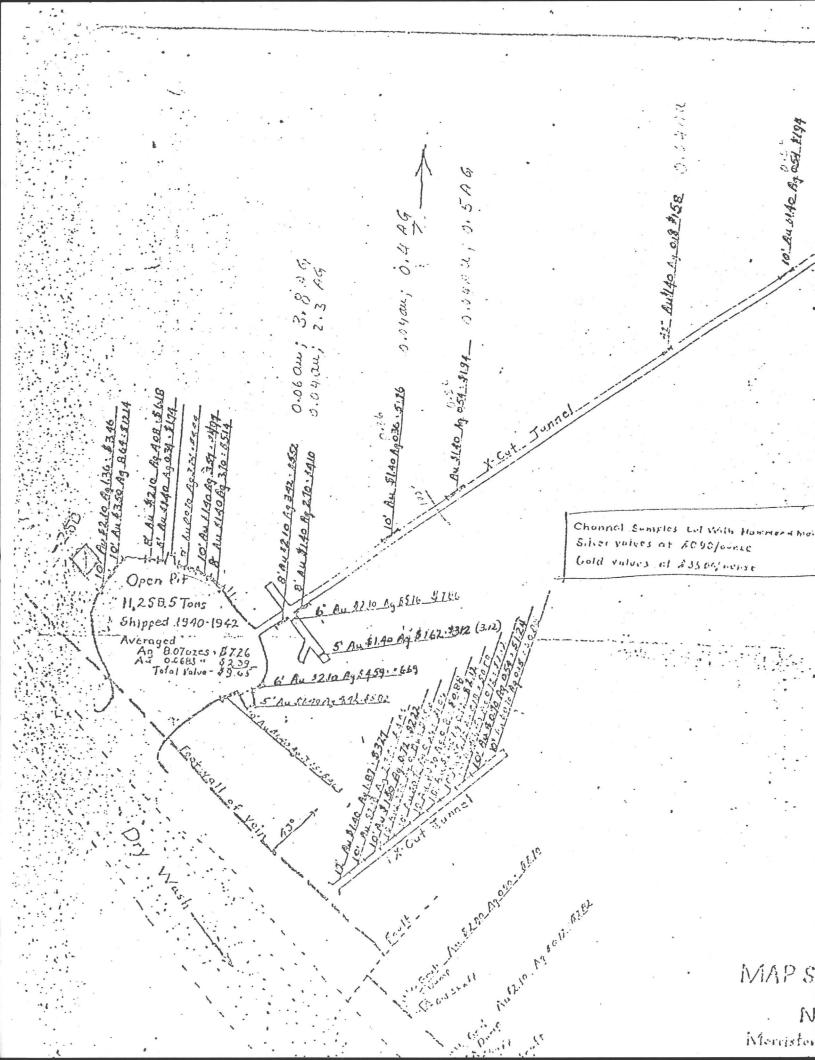
We have a 1920 report, maps of workings, assay reports and miscellaneous information in our file on the property, and would be pleased to have you or your engineer examine them.

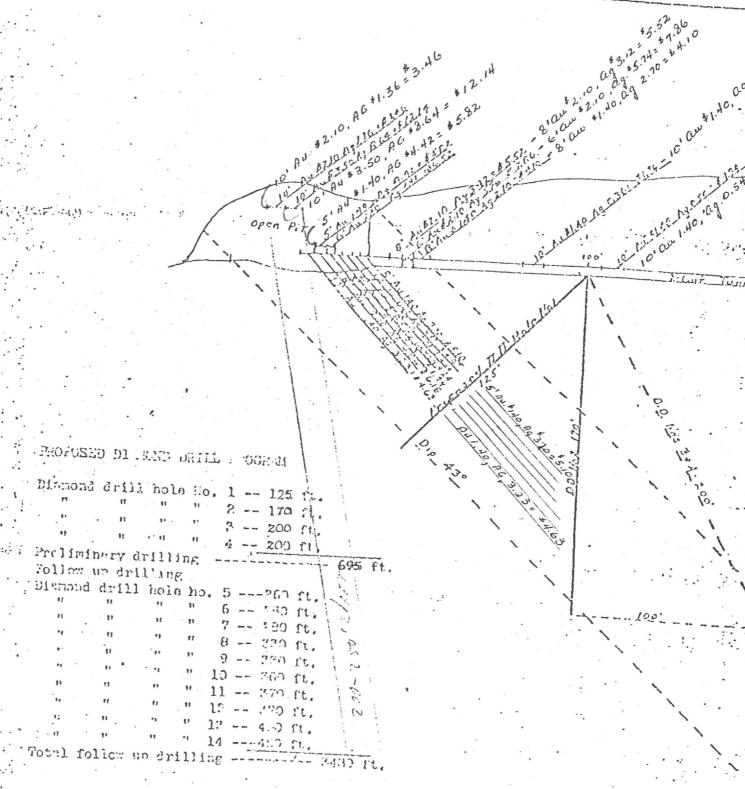
Trusting that this information will help, I remain,

Yours very truly,

Louis A. Smith, Field Engineer.







This dismond rilling could cut through on order of the win which could contain approximately 400,000 tons of order to a death of 500 feet down the dip of the vein.

TAR CHOMING PROPORDED DIVERDITION PROGRAM FOR 4 . NEWSECT CLAIM

Movedstown, Englisho County, Arizona

Subject: Newsboy Ore Tests to Determine the Effectiveness of the SOz - CN Leach System

To: Ray Carson and Bill Moss

Two tests, designated NBC-1 and NBF-1, were performed to determine if the SCZ-CN leaching system would be effective on the Newsboy gold-silver project. Because the Newsboy ore contains manganese, the extraction of silver by cyanide (CN) used. Once the manganese soz is silver and gold may be extracted by cyanide.

WBC-1 was performed on minus 1/2 inch plus 1/4 inch material while NBF-1 was performed on for these two size fractions was the same

- 1. Each colum (10 feet long by 6 inches in diameter) was filled with the respective size fraction
- 2. A HzSOy solution containing 0.11 gallons of HzSOy (20 pounds / ton equivelent) was circulated through the columns to achieve a pH of 2 to 3.

Because of mechanical difficulties the SOZ gas was not available for bubbling through the columns for 24 hours. Before applying mutale3. 12504 the SOz gas the solution pH was checked and found to be about 4. Because of this, equivelent) was added to adjust the gH to 3: 124 prs..

2 - 7 .. .

> 50 Cension Hr 564 analysed for Mr. find sample No:

4. So 2 gas was bubbled through the columns for 6 hours of Fifteen pouns of sulfer was it is estimated that only 7 pounds was actually utilized in this experiment. Since the rotarah received 3.5 pounds of Sulfer (42 pounds / toy equivelent, other measured volume of solumn at the conclusion of the Soz leach was 8 gallons for NBF-1

- 6. After the SOz leach each column was open circuit washed with 10 gallons (120 gallons /ton equivelent) to bring the pH inp to about 5 to 6.
- 7. Following the water wash, the columns were open circuit washed with 5 gallons of plt 10 to 12 solution to raise the exit solution pH to a half pound (6 pounds/ton equive/ent).
- 8. Caustic solution (pH 12) was circulated through the columns for about 4 hours after which the pH was 10. The caustic requirement for this step was about a half found (1 founds) ton equivelent
- 9. two pounds/ton equivelent cyanide circulated for 2 hours. was added and
- After circulating the cyanide solution through the ore columns, the solution was diverted to the carbon columns for about 6 hours.
- the measured volume of solution at the comelusion of the cyanide leach was 12.5 gallons for NBF-1 and 12 gallons for NBF-1

The final products produced by this experimental procedure are listed below (NBC-1 and NBF-1):

Bucket fines - gooduced when the solution first topped the columns (NBC-1 3 gounds, NBF-1 13 pounds

Tank fines - fines entrained with the solutions throughout the procedure and deposited in the solution holding tank (NBC-1 5 pounds, NBF-1 16 gounds) wet?

SOz solutions 1-6 HA - solution samples taken hourly during

CN solution 6HR - solution sample of the cyanide leach at the end of the carbon column

Carbon - Four carbon columns each with 0.1 pounds
Tailing - Final tailing at the completion of the
experiment

167 de mi 2006 Co lumin



1022 West 23rd Street Tempe, Arizona 85282 (602) 894-0919 Job Number MA-674
Page 1 Of 1
Date December 9, 1982

1601

Robert G Croal

ANALYTICAL REPORT

	,						
Client I.D.	Lab #	Fire	Assay	Atomic Absorption o	r Emission	-16	Ti Co
		Au (<u>Oz/ton</u>)	Ag (<u>Oz/ton</u>)	Mn (<u>ppm</u>)		ou	or g
NBC-1-1601	.1	.048	2.5	4660 -	+1/4"-1/2	11 104 = 103 =	1,2.
NBF-1-1601	2	.041	3.3	5420	- 1/4"	(8.3	1.0,
					no	my 26.8% -	70%

25.304

These analysis opinions or interpretations are based on observations and materials supplied by the client to whom and for whose exclusive and confidential use this report is made. The interpretations or opinions expressed represent the best judgements of North American Assay Company, all errors or omissions excepted; but North American Assay Company and its officers and employees of any mineral deposit in connection with which such report is used or relied upon.

lien	t	Name:	Dydar	Resources,	Inc.

Address: PO Box 464, Congress, AZ 85332

Telephone: 427-3718

Samples Submitted By:____

Bill Moss

- Date Received: December 3, 1982



1022 West 23rd Street Tempe, Arizona 85282 (602) 894-0919

Job 1	Number	MA-7	207
Page	_1_	Of.	2
Date	Decemb	er 29	1982

Robert G Crook

ANALYTICAL REPORT

	Client I.D.	Lab #		Atomic	Absorption	n or Emissio	n
æ			Mn (ppm)	Au (ppm)	Ag (<u>ppm</u>)	Au (<u>Oz/ton</u>)	Ag (<u>Oz/ton</u>)
	NBC-S0 ₂ -1 hr	1 .	1390				
	NBC-S0 ₂ -2 hr	2	1420				
	NBC-S0 ₂ -3 hr	3	1590				
	NBC-S0 ₂ -4 hr	4	1540				
	NBC-S0 ₂ -5 hr	5	1560				
	NBC-502-6 hr	6	1570				
	NBF-S0 ₂ -1 hr	7	745				
	NBF-S0 ₂ -2 hr	8	830			*	·
	$NBF-SO_2-3 hr$	9	940				

These analysis opinions or interpretations are based on observations and materials supplied by the client to whom and for whose exclusive and confidential use this report is made. The interpretations or opinions expressed represent the best judgements of North American Assay Company, all errors or omissions excepted; but North American Assay Company and its officers and employees assume no responsibility and make no warranty or representations as to the productivity, proper operations, or profitableness of any mineral deposit in connection with which such report is used or relied upon.

lient	Name:	Dydar Resc	ource	s. Inc.		
Ado		P.O. Box 4			Arizona	85332
Telep	hone:	427-3718	3	THE THE	AT TZONA	ےدریں۔

Samples	Subn	nitted	Ву:_	Mason	Coggir	ns :	for	Bill	Moss	
	ate	Receiv	red:_	Dec	ember	23	, 19	982		

 Job Number
 MA-707

 Page
 2
 0f
 2

Client I.D.	Lab #		Atomi	c Absorptio	n or Emissic	on .
		Mn (<u>ppm</u>)	Au (<u>ppm</u>)	Ag (ppm)	Au (<u>Oz/ton</u>)	Ag (<u>Oz/ton</u>)
NBF-SO ₂ -4 hr	10	985				
NBF-S0 ₂ -5 hr	11	1,020				
NBF-S0 ₂ -6 hr	12	1,150				
NBC-C-6 hr (CN)	13		<.01	.57		
NBF-C-6 hr (CN)	14		.05	4.03	,	
Slimes off flow NBF-S-1	15	10,200			<u>_0</u> 2	3.7
Slimes off flow NBC-S-2	16	9,400			.02	3.7
#3 Slimes (tank residue) NBF-S-T-1	17	6,600			.02	3.2
#3 Slimes (tank residue) NBC-S-T-2	18	6,400			.02	7.2
Column tailings NBF-T-1	19	2,500			. 04	1.2
Column tailings NBC-T-2	20	3,200			.03	1.0
NBC-C-C 1,2,3,4	21	50	2.01	135.		
NBF-C-C 1,2,3,4	22	64	17.7	283.		
Column Heads NBF=F	2	5-20			.041	3.3
II II II NBE-1	1	4660			.048	2,5



1022 West 23rd Street Tempe, Arizona 85282 (602) 894-0919 Job Number MA-733
Page 1 Of 2
Date January 28, 1983

Robert G Crook

ANALYTICAL REPORT

girl san reking ung

Client I.D.	Lab #	Fire Assay		Atomic Absorption or Emission				
		Au (<u>Oz/ton</u>)	Ag (<u>Oz/ton</u>)	Mn Mn (<u>Wt.%</u>) (ppm	Au	Ag (<u>Oz/ton</u>)		
NB-H-1B1	1	.042	3.4	.62				
NB-H-1B2	2	.041	3.5	.70				
NB-H-1B3	3	.039	3.5	.67				
NB-H-1B4	4	.036	3.4	.66				
NB-T-1B1	5	.028	3.0	.44				
NB-T-1B2	6	.027	3.0	.42				
NB-T-1B3	7	.030	2.9	.44				
NB-T-1B4	8	.029	2.8	.41				
NB-CK-1	9	.012	.4					

These analysis opinions or interpretations are based on observations and materials supplied by the client to whom and for whose exclusive and confidential use this report is made. The interpretations or opinions expressed represent the best judgements of North American Assay Company, all errors or omissions excepted; but North American Assay Company and its officers and employees assume no responsibility and make no warranty or representations as to the productivity, proper operations, or profitableness of any mineral deposit in connection with which such report is used or relied upon.

Client	Name:	Dydar	Resou	rces, Inc.		e esta-	
Ad	dress:	P.O. Box	464,	Congress,	AZ	85332	- 1
	phone:	427-			138		

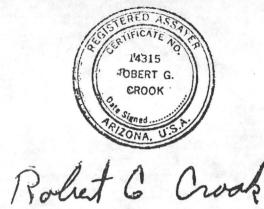
Samples	Submitted	Bv.	D#11	Mass	
			ALCOHOL STATE OF	Moss	
S. C. Sandan and C. Sandan	late Receiv	red.	January	10 1007	

 Job Number
 MA-733

 Page
 2
 0f
 2

Client I.D.	Lab #	Fire	Assay	Atom	ic Absor	ption or Emi	ssion
		Au (<u>Oz/ton</u>)	Ag (<u>Oz/ton</u>)	Mn (<u>Wt.%</u>)	Mn (ppm)	Au (<u>Oz/ton</u>)	Ag (Oz/ton)
NB-CK-2	10	.017	1.1				
NB-CK-3	11	.013	.4			/	
NB-CK-4	12	.017	.8		9	in	
NB-CK-5	13	.020	.9		7017°		
NB-C-1	14				166	2.48	56.2
NB-C-2	15				200	2.34	47.1
NB-C-3	16				162	2.30	52.4
NB-C-4	17				132	1.82	19.5
NB-C-5	18				40	2.03	32.0
					70	2.03	32.0

1



1022 West 23rd Street Tempe, Arizona 85282 (602) 894-0919

Job N	lumber	MA-853				
Page	_1_		Of _	1		
Date	May	6,	198	3		
P.0.	No.:	08	14			

ANALYTICAL REPORT

38.25

Client I.D.	Lab #	Fire	Assay
		Au (<u>Oz/ton</u>)	Ag (<u>Oz/ton</u>)
No. 22-27	1	.026	1.0
No. 16-21	2	.044	1.8
No. 28-31	3	. 048	2.3

These analysis opinions or interpretations are based on observations and materials supplied by the client to whom and for whose exclusive and confidential use this report is made. The interpretations or opinions expressed represent the best judgements of North American Assay Company, all errors or omissions excepted; but North American Assay Company and its officers and employees assume no responsibility and make no warranty or representations as to the productivity, proper operations, or profitableness of any mineral deposit in connection with which such report is used or relied upon.

Client	Name:	Dydar	Resources,	Inc.	
			SW S		

Address: P.O. Box 464

Samples Submitted By:

Benoit Violette

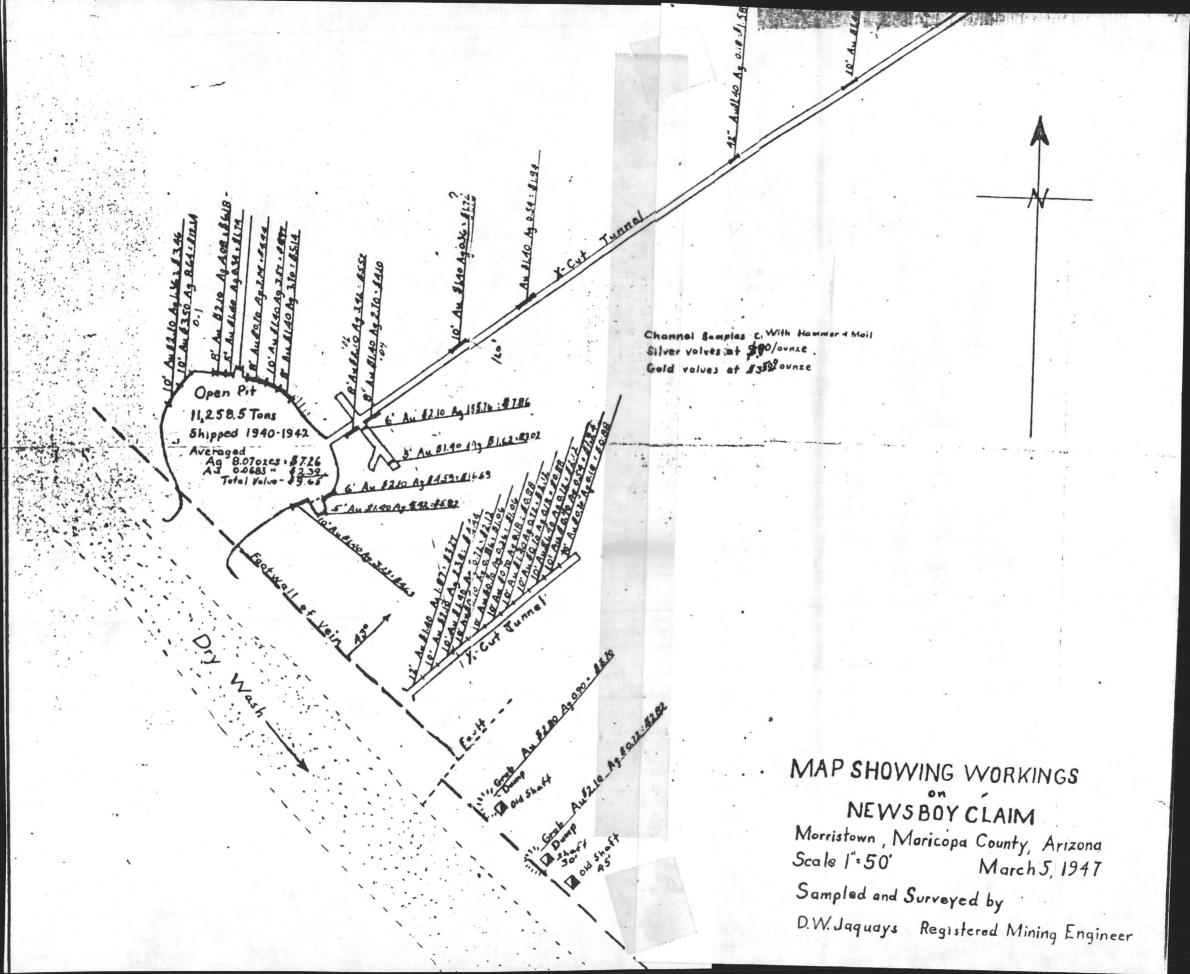
Congress, Arizona 85332

Date Received:

April 13, 1983

Telephone:

427-3718



1022 West 23rd Street Tempe, Arizona 85282 (602) 894-0919

Page	 Of	
ugc	٠,	- Company of the Law o

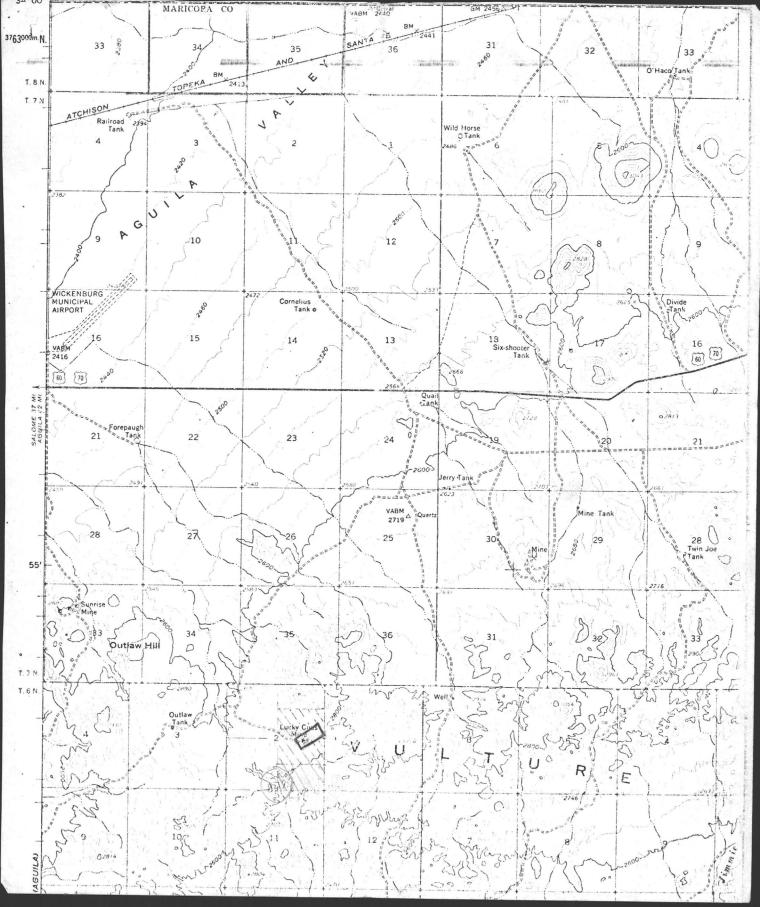
FA #'s sand For Alder

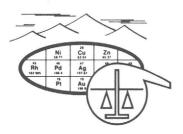
SAMPLE RECORD

A A

		Fire Assay Atomic Absorption or Emission												
		Fire A				At	omic Al	osorpt	ion or	Emiss	ion		 Spec	
Client Identification	Lab #	Au Oz/ton	Ag Oz/ton	Mac									Jope C	
M73-41-1131	1	.042	3.4	1.62	П.									
14-11-150	Ü	,041	3,5	10				P						
WP-H-1B3	3	,039	3.5	1.67				P	H	F				
MB-H-IRU	4	.036	3.4	.66		P			P					
1	5	028	3.0	×44		P				H				
180) 118 2	()	,027	3.0	142		P								
1111-1-18-3	7	.030	2.9	× 44										
4B-7-1B-4	6	,029	2.8	7.41		P				P				
	C-/	,012	.4	7					P		P			
	10	.017	× (,)	17	口						P	P		
18-011-3	11	,013	× .4	H _r		J								4

Client Name: . Address:	Dydar Resources	Samples Submitted By: S.//	M19:5
Address.		Received By: RGC	Date: 1/19/83
Telephone:		*	





SKYLINE LABS, INC.

1775 W. Sahuaro Dr. ● P.O. Box 50106 Tucson, Arizona 85703 (602) 622-4836

REPORT OF ANALYSIS

JOB NO. UQC 001 February 7, 1984

MR. JIM SULLIVAN P.O. Box 3241 Scottsdale, Arizona 85257

Analysis of 3 Rock Chip Samples

ITEM	SAMPLE NUMBER	FIRE ASSAY Au Ag (oz/t) (oz/t)
1	1 SOUTH VEIN *	.260 < .01
2	2 WASH TUNNEL	.100 < .01
3	3	.035 < .01

*NOTE: Sample bag marked TOP of South Vein.

Manag

ARIZONA TESTING LABORATORIES

A DIVISION OF CLAUDE E. McLEAN & SON LABORATORIES, INC.
815 WEST MADISON STREET PHOENIX, ARIZONA 85007

PHONE 254-6181

For Mr. E. F. Bender
Post Office Box 1696
Wickenburg, Arizona 85358

Date November 14, 1975

ASSAY CERTIFICATE

LAB NO. IDENTIFICATION		OZ. PI	ER TON		PERCENTAGES				
LAB NO.	IDENTIFICATION	GOLD	SILVER	COPPER					
					v.				
715	Purple Hills Mine	8.8	0.50						
		-			3				
		ä	ď						
					-	,			
	-	1	2		*				

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Cloud & MM Leary
Claude E. McLean, Jr.

ARIZONA TESTING LABORATORIES

A DIVISION OF CLAUDE E. McLEAN & SON LABORATORIES, INC.

815 WEST MADISON STREET PHOENIX, ARIZONA 85007

PHONE 254-6181

For Mr. E. F. Bender
Post Office Box 1696
Wickenburg, Arizona 85358

Date November 14, 1975

ASSAY CERTIFICATE

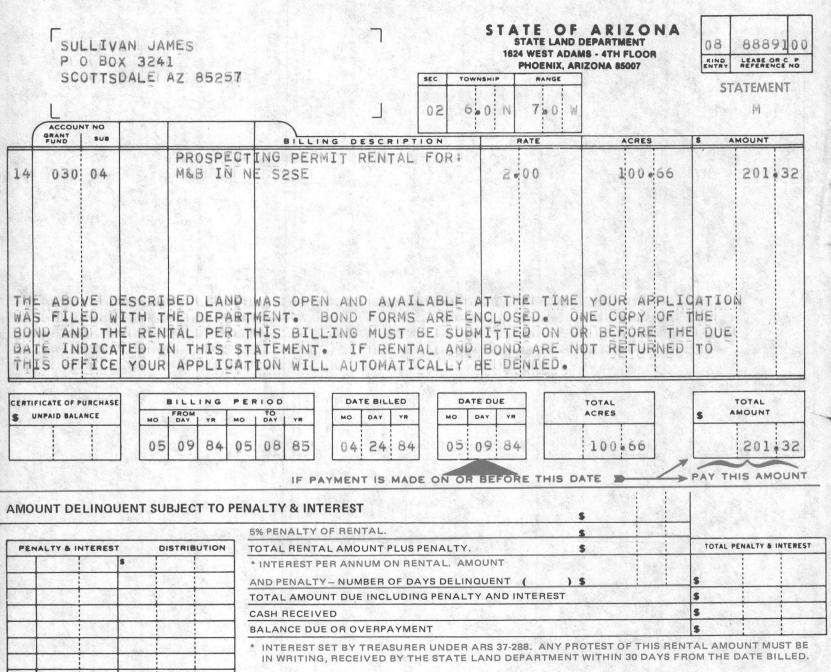
LAB NO. IDENTIFICATION		OZ. P	ER TON	PERCENTAGES			
LAB NO.	IDENTIFICATION	GOLD	SILVER	COPPER			
715	Lost Canyon Mine	0.13	trace				30
					*		
	* * * * * * * * * * * * * * * * * * * *						
	·				ï		
	x 3						
	,				*		
				2			

Respectfully submitted,

ARIZONA TESTING LABORATORIES

Cloude E. McLean, Jr.

To avoid payment of penalty and interest this payment must be IN the OFFICE OF the State Land Department ON or BEFORE the DUE DATE. Date of POSTAL STAMP will not be accepted as time of payment. certified 387654



SECTION, TOWNSHIP AND RANGE MUST BE INCLUDED IN THE LEGAL DESCRIPTION

RESTORATION AND DAMAGE	BOND 08- 88891
KNOW ALL MEN BY THESE PRESENTS:	Bond No.
That we,	•
AS Principal, and	
a corporation organized under the laws of the State of	, with its
principal office in the City of	and duly authorized to trans-
principal office in the City ofact surety business in the State of Arizona, as Surety, are	held and firmly bound unto the
State of Arizona for the use and benefit (1) of the State of	Arizona, and (2) of any lessee
under a lease issued or to be issued by the State of Arizon	
face of State Land hereinafter described, as Obligee, in the	
Dollars, lawful money of the United States, for the payment	
made, we bind ourselves, our heirs, executors, administr	ators, successors and assigns,
jointly and severally, firmly by these presents.	
Signed, sealed and dated thisday of	, 19
WHENEAC ALL LAND AND AND ALL LAND AND AND ALL LAND AND AND ALL LAND AND AND AND ALL LAND AND AND AND AND AND AND AND AND AND	
WHEREAS, the above bounden Principal is about to obta	in from the State of Arizona a
permit Number 08-88891 , for a term of one	years, covering the
State Land described as follows:	
together with right of ingress and egress over State land d	lescribed as follows:
	AND
WHEREAS, the Principal is required by law to file and m	caintain in force with the State
Land Commissioner a bond conditioned as hereinafter set	
The comment of bond conditioned to note matter bet	101 till.
NOW, THEREFORE, it is the condition and obligation of	
conducting any mining exploration, development or open	
terms of the lease or permit, or otherwise by the end of t	
vide for the safety and protection of human life and live	
and/or other closing or filling of all shafts, prospect hole	s, adits, tunnels and other dan-
gerous mine workings, insofar as it is reasonable, as det	
or fails to restore the surface of the subject property as	nearly as possible to its con-
dition immediately prior to the issuance of this lease or	
surety shall promptly pay to the State of Arizona and less	
covered by the aforesaid lease or permit or across whi	ich the principal exercises the
right of ingress or egress, for any loss to the State of Ar	
age or destruction caused by the principal, his agents of	
grasses, forage, crops and improvements upon such Stat	
pal's use and occupancy of the land under the lease or per	
PROVIDED, regardless of the number of years this bond	
in force and of the number of premiums that shall be pa	
not be liable hereunder for a larger total amount, in the a	ggregate, than the penal sum o
this bond.	
PROVIDED FURTHER, the Surety named herein may can	and this hand and he william
any further liability hereunder by giving thirty (30) days in	
to do so to the Commissioner of the Land Department, of	
Arizona.	the State of Affizona, Fridenix

5-73 S

Surety

Principal

SECTION, TOWNSHIP AND RANGE MUST BE INCLUDED IN THE LEGAL DESCRIPTION

RESTORATION AND DAMAGE BOND

08-88891

KNOW ALL MEN BY THESE PI	RESENTS:	Bond No.
That we,		•
AS Principal, and		
a corporation organized under the	laws of the State of	, with its
principal office in the City of		and duly authorized to trans-
act surety business in the State of	Arizona, as Surety.	are held and firmly bound unto the
State of Arizona for the use and b	enefit (1) of the State	of Arizona, and (2) of any lessee
under a lease issued or to be issu	led by the State of Ari	zona, covering the use of the sur-
face of State Land hereinafter des	cribed, as Obligee, i	in the full penal sum of \$2,000
Dollars, lawful money of the Unite	ed States, for the pays	ment of which, well and truly to be
made, we bind ourselves, our hei	rs, executors, admini	istrators, successors and assigns,
jointly and severally, firmly by the	nese presents.	
Signed spaled and dated this	1	
Signed, sealed and dated this	day of	, 19
WHEREAS, the above bounden P	rincipal is about to	obtain from the State of Arizona a
permit Number 08- 88891	for a term of	one years, covering the
State Land described as follows:	- COLIN OL	years, covering the
•		
		•
		9
together with right of ingress and	egress over State la-	ad described as follows:
2.000 0000	egress over state lat	id described as follows:
	•	
		AND
WHEREAS, the Principal is requ	ired by law to file am	d maintain in force with the State
Land Commissioner a bond condit	ioned as hereinafter	set forth
NOW, THEREFORE, it is the co	ondition and obligation	n of this bond that if principal in
conducting any mining exploration	on, development or o	operation fails to comply with the
terms of the lease or permit, or	otherwise by the end	of the lease or permit fails to pro-
vide for the safety and protection	on of human life and	livestock by the adequate fencing
and/or other closing or filling of	all shafts, prospect h	oles, adits, tunnels and other dan-
gerous mine workings, insofar as	it is reasonable, as	determined by the Commissioner,
or lails to restore the surface of	the subject property	as nearly as possible to its con-
dition immediately prior to the i	ssuance of this lease	or permit then the above bounden
surety shall promptly pay to the	State of Arizona and 1	essee of the surface of State Land
covered by the aforesaid lease of	or permit or across	which the principal exercises the
right of ingress or egress, for a	ny loss to the State of	Arizona and such lessee for dam-
age or destruction caused by the	principal, his agen	ts or employees, to land surface,
grasses, forage, crops and impro	overnents upon such S	State Lands resulting) from princi-
pal's use and occupancy of the lar	id under the lease or	permit.
PROVIDED, regardless of the nu	mber of years this h	ond shall continue or be continued
in force and of the number of pro	emiums that shall be	payable or paid, the Surety shall
not be liable hereunder for a larg	er total amount, in th	e aggregate, than the penal sum of
this bond.	3	and a second of the penal sum of
	•	
PROVIDED FURTHER, the Suret	y named herein may	cancel this bond and be relieved of
to do so to the Commissioner of	giving thirty (30) day	ys notice, in writing, of its desire
Arizona.	me Dand Department,	of the State of Arizona, Phoenix,
	* •	
	•	P
Surety		By
		Principal

