UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

May 20, 1952

Memorandum

To: Acting Administrator, Defense Minerals Exploration Administration
Attention: 210

From: Field Team, Region IV

Subject: DMEA Docket 2497, Gossan Group (Copper), John Slak, agent; Mayer, Arizona

Mr. John Slak, agent for the Gossan Copper Group, has requested that his application, docket DMEA 2497, be withdrawn. A copy of Mr. Slak's letter is enclosed.

Also enclosed is a copy of our reply to the applicant, the original and one copy of Form 3b.

W. H. King
W. H. King

A. H. Koschmann
A. H. Koschmann

Enclosures

[illegible]
Before [illegible]
[illegible]
[illegible] 1952

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

May 20, 1952

Mr. John Slak
Mayer, Arizona

Re: DMEA Docket 2497

Dear Mr. Slak:

This will acknowledge receipt of your letter dated, May 14, 1952, requesting the return of your papers and the withdrawing of your application relating to the Gossan Copper Group.

In accordance with your request we are returning herewith your application.

Very truly yours,

W. H. King

W. H. King
Executive Officer
Field Team, Region IV

Enclosures

HMC:fwo

cc: Acting Admin. DMEA (Code 210)
Storms
Koschmann
Subject
Chron

JOHN SLAK
Consulting Mining Engineer
(Registered)
Management-Examination - Reports
Mayer, Arizona

COPY

May 14, 1952

RE: DMEA-2497

Messrs: J. H. East & W. H. King,
Field Team Region IV, - DMEA
224 Customhouse, Denver 2, Colorado

Gentlemen:

Obviously your good letter of the 8th inst. is showing me I have reached the "Dead End of the Street" insofar as my application for a wee-bit federal loan being concerned. And hence the Finis! --------- And be assured that I do not blame you because, I believe that you have done all things in this connection in accordance to Law! And as well in accordance to Rule & Regulations of your Superiors:----------(Anyway, I had experience and FUN corresponding with you gentlemen. And so now, if not asking too much, "I would highly appreciate it if you will kindly RETURN to me those papers namely: reports and sketches on the Gossan Copper Group," at your convenience, and very greatly oblige. I am,

With very best wishes.

Very truly yours,

s/ John Slak

t/ John Slak

PS: - Doubtless however, were I in some far off foreign bush the "Point Four" would have done the stuff, without fund-matching-requirements! Huh?

Seemingly, the government being now well supplied with the Lead Metal since its price dropped 4¢ per pound during past 10 days:-------- Of this metal I have minimum of 60,000 tons of lead-galena ore determined. Its minimum contents: 40% lead, 70-Oz silver, per ton. (It may be needed and come handy some day, regardless that it is in the Great USA.)--And too, I feel with great pity for the Magma Copper Co. if they will have to match $111,000,000. plus, in order to operate the San Mannuel deposit. What!

JS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

Subject: DMEA-2497
Re: Exploration Loan
Gossan Copper Group
April 23, 1952

Mr. John Slak, Agent
Mayer
Arizona

My dear Mr. Slak:

This will acknowledge receipt of your application dated April 18, 1952, for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2497 and referred to Mr. J. H. East, Jr., Executive Officer, DMEA Field Team, Region IV, Bureau of Mines, 224 New Customhouse Building, Denver 2, Colorado.

Kindly refer to DMEA-2497 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Administrative Officer

DMEA-2497

MEMBER:
NATIONAL SOCIETY
OF
PROFESSIONAL ENGINEERS

PHONE: HUMBOLDT, 268

MINING EXPERIENCES
OVER TWO-THIRDS
OF THE WORLD

JOHN SLAK
CONSULTING MINING ENGINEER
(REGISTERED)
MANAGEMENT — EXAMINATION — REPORTS
MAYER, ARIZONA

April 18, 1952

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 22 1952

Hon. Defense Minerals Exploration Administration,
Department of the Interior, Washington 25, D. C.

Attention of: Mr. J. B. Gowen, Chief
Copper Branch

Gentlemen:

I am enclosing herewith for your kind and patient perusal and consideration "4 copies of each, namely: Engineer's Report of Property; Sketch of Same; Legal Records; Authorization as Agent for Owners; Forms MF-100 and MF-103. ---- All of which concerns and pertains to the Gossan Copper Group, which is an excellent copper prospect and most fully worthy of exploration. And thus all being, and is, as An Application for a $25,000. with which to do the work, (as elsewhere outlined) and determine as to whether there is, or isn't, a mine. ---- This writer has absolute faith and sincerely believes that the outlined work will prove that there is a good mine. And when it is so determined, then there shall be no difficulty in selling it to big copper mine operators at a price several times greater than the LOAN now asking for. ---- Or the government may then see fit to grant additional loan for a fast exploitation of it."

And thus the owners of said property, and as well as I, their authorized agent, pray and trust that Your Honorable Body may find and see fit to grant us the loan we are asking for. I am,

Yours very truly,

John Slak, Agent,

John Slak

PS: Dear Mr. Gowen:

I would like to know whether You, or someone else is the "Chief of the Lead Branch"? - I have considerably of lead ore on which dickering is now going on with private interests, though nothing may come of it, and so I may apply for a loan for its exploitation. Thanks a lot.

JS:

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

Not To Be Filled in by Applicant

Docket No. DMEA-2497
Metal or Mineral
Date Received 4-22-52
Amount $
Participation (Government %)

Defense Minerals Exploration Administartion,
Department of the Interior,
Washington 25, D. C.

Mrs. E.M.Mills, 1801 Beach St. San Francisco, Calif. and Mrs. John Gilchrist, 1980 Washington St. S.F. Calif. John Slak, Agent, Mayer, Arizona

Name and address of applicant

Date April 18, 1952.

If you have already filed MF-100, give date filed ....., type of assistance requested LOAN.,

DMA Docket Number (if available) .....

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. None.

   (*b*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application. Copy of Agreement Attached

   (*c*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. Also Attached

   NOTE: (1) If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*c*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area. Just One Property,

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract. No Encumbrances Of Any Kind Against the Property,

2. (*a*) What metals or minerals do you expect to find? Copper. With it some Gold & Silver.

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

16—64067-2

(b) Attached Report and Sketch describing it.

John Slak, Agent, Mayer, Arizona

The information requested in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project. 4-Diamond Drill Holes; 600ft. deep each. Total Cost: $25,000. (See Report.) (c) 6-Months time to complete it.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc. See Report & ~~Skpl~~ Sketch.

5. Furnish an itemized list of existing facilities, buildings, installations, and fixtures with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition. None. And none is needed at this time.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item. None needed. "Determining Ore Body - Being First."

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented None

   (*b*) Purchased None (Drilling Contractor Will Furnish required things)

   (*c*) Furnished by you None

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each. Stated in Report.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above. Stated in Report.

10. (*a*) How much are you prepared to invest in the proposed project? Sorry. Unable to Invest Anything.

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO-5)?

11. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

CERTIFICATION

The undersigned ~~company~~ owners, and the ~~official~~ agent executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

Mrs. E. M. Mills,
Mrs. John Gilchist,

Owners
(Name of company)

By John Slak Agent.
(Signature of authorized official)

April 18, 1952.
(Date)

(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

Form MF-103
(Revised June 1951)

Answers to questions 3,4,5,6,7,8,& 9 as per below.

3. (a) Four (4) diamond drill holes to be drilled, each 600 feet deep, at a total cost of $25,000.
   (b) Time required to drill same, about six (6) months.

4. Engineer's report and Sketch on the Gossan Copper Group being herewith attached which answers requested questions.

5. Regarding existing facilities, buildings, etc.etc. There is None, and none is needed at this time in connection with drilling operations

6. These being answered by No.5. above.

7. Operating equipment, to be—
   (a) Rented: None. (All the drilling equipments shall be furni-
   (b) Purchased: None. (shed by the Drilling Contractor; within the
   (c) Furnished by us: None. (exeption of water, at $100, per hole.

8. Labor, wages, salaries, etc. The Contractor will handle that. Within exception of supervisor's salary of $5,000. as per report.

9. Water: No.7. explains it (above).

10. Sorry. Owners of the property unable to invest anything.

11. Now, thinking and looking over various statements as put down on several sheets of paper herewith attached that concerns, and pertains, to the Gossan Copper Property, in order to see and find as to whether anything of importance having been overlooked that should have been so stated! ---- But I fail to find anything more of importance to be added to it. ----------

CERTIFICATION

The undersigned owners, and their authorized agent who, is executing this ertification on their behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of my knowledge and belief.

Mrs. E. M. Mills, and
Mrs. John Gilchrist,
Owners,
---------- By John Slak,

April 18, 1952. (Date) — Agent (Title),

(John Slak)
(Mayer, Arizona)

Form MF-103
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMEA-2497

Date received 4-22-52

Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C.

Mrs. E. M. Mills, 1801 Beach St. San Francisco, Calif. and Mrs. John Gilchrist, 1980 Washington St. San Francisco, Calif.

John Slak, Agent, Mayer, Arizona

Name and address of applicant

Date April 18, 1952.

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 22 1952

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced: Drilling for Copper,
   (a) What are the chief mine, mill, or smelter products?
   (b) What are the byproducts, if any? It Will be Gold-Silver,
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following: X X
   (a) Linear feet of shafts.
   (b) Linear feet of drifts and crosscuts.
   (c) Linear feet of tunnels or adits.
   (d) Linear feet of other mine openings (explain briefly).

   2. - a,b,c,d, being set forth in the attached Engineer's Report,

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following: 3. a,b,c,d, In Engineer's Report
   (a) Distance and direction from nearest town and shipping point.
   (b) Mining district.
   (c) Township, Section, Range.
   (d) County, State.
4. (a) State whether or not property is now in operation, and if in operation, by whom operated. 4. a, NO.
   (b) Are you operating this property as: b, It Will be Operated for Owners by Their Agent.
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production .....
   If not in production or operation, estimated date when production will begin Within Two Years.
6. Experience of operators: Mining experience of Operator(Agent) over 50 years, on this continent, in Europe, Russia and Neareast Countries.
   Describe the mining and general business experience of (a) the applicant, and (b) the person or persons who manage the project.
7. History: None,
   (a) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation. a, Report Explains it.
   (b) State briefly the known history and production of adjoining and neighboring properties. b, In Report Too,
   (c) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

16—63792-2

By; John Slak, Agent, Mayer, Arizona

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(*a*) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology and ore reserves.

(*b*) If deposit is other than plac

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)					

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, uneven or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

(Name of company)

By ---
(Signature of authorized official)

(Date)

(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

REGISTERED PROFESSIONAL ENGINEER
CERTIFICATE EXPIRES
JOHN
SLAK
DEC. 31, 19
ARIZONA, U.S.A.

BRIEF REPORT

on the

GOSSAN COPPER GROUP

Mrs. E. M. Mills, 1801 Beach St. San Francisco, Calif. and
Mrs. J. P. Gilchrist, 1980 Washington St. San Francisco, Calif.

Dear Mesdames:

In accordance to your joint request of Oct. 4, 1951, to examine your Gossan Copper Group and to report and express my opinion on same as to its probability of developing into a copper mine; and if favorable, what would be the cost to make a definite determination as to whether there is, or isn't, a mine.? --------

I have, therefore, just completed my examination of said copper property, and which enables me to make the following report upon it for your guidance. Viz:

SUMMARY:

I find and consider your Gossan Coppar Group as an excellent copper prospect, with all the essential ear-marks indicating a copper mine at depth, say at about 300 feet depth it should become a substantial producer. But firstly "ore bodies or shoots" within the large vein must be determined as to "size & character;" and such determination can be made quickly, cheaply and efficiently with only "4 diamond-drill holes, each 600 feet deep," these holes to be set or drilled at an angle (as per attached Rough Sketch.)

Cost of hole per foot to be drilled by contractor;	$6.00
Cost for the 2,400 feet of holes driled;	$16,400.00
Cost for assaying 960 sluge & cores;	1,920.00
Cost of water, per hole; ~~$100.00~~-------;	400.00
Cost for supervision; ----------;	5,000.00
For unforseen emergencies; ----------;	1,280.00
Total ;;;;;;;;;;;;;;;;	$25,000.00

The copper vein or deposit to be so drilled is 60 feet to 100 feet wide and 7,500 feet long, trending North-South and dipping 80 degrees West, (it practically stands up in a vertical position) and it traverses lengthwise over the Easterly 5 claims. (See Sketch.) It consists of large, bold outcrops in the form of gossans, which in turn consists of oxidized iron, quartz, schistosity and broken up diorites, strongly copper-stained at some points, while at other points some flaky as well as coarse native copper can be noticed; I have also observed some chalcocite (copper glance) which being a high grade copper ore in the center of the Bornite Claim; while in a 50 feet deep shaft on the Gossan Claim, proper, copper pyrites having started to appear. However, the vein or deposit, on the whole, being strongly leached of its once contained richness along its surface by TIME of millions of years duration, and thus gradually though slowly re-deposited at greater depths. And according to my observation of the character of deposit, the surrounding geological structures, and the fact that the deposit traverses and lies in a deep, open basin (valley), and the Secondary Enrichments and the Permanent Water Level, therefore, should be encountered anywhere betwemn 200 feet and 400 feet depths. ---- And hence, the obvious need for the determination by diamond drilling. ----------:

((There is another SMALLER vein that runs parallel to and over the adjoining 5 Westerly claims, SEE SKETCH. This vein is 5 feet to 50 feet wide, consisting of oxidized iron & quartz, carrying gold but no copper; and its development should wait till copper vein is a producer.))

REGISTERED PROFESSIONAL ENGINEER
CERTIFICATE EXPIRES
JOHN
SLAK
DEC. 31, 19__
ARIZONA, U.S.A.

THE PROPERTY:

The Gossan Copper Group consists of ten (10) full-size mining claims, unpatented, each of 20 acres, or a total area of 200 acres. The claims adjoining one another (see sketch) and thus forming a solid patch of strongly mineralized ground 1,200 feet wide and 7,500 feet long, lawfully held by location under the United State Mineral Laws.

SITUATED:

In the Black Canyon Mining District, Yavapai County, Arizona, about 3 miles Southwesterly from Cordes, about 3 miles from Cleator, E. and about 4 miles from Bumble Bee, N. on the Black Canyon-Crown King-Prescott-Phoenix highway, which passes by the South end of the property and from which 2 short private roades have been built to and over the property. - 10 miles to the North is town of Mayer with loading ramps and shipping point on the branch of the Santa Fe Ry. and 30 miles further on to the North is Prescott, the County seat, and 60 miles to the South is Phoenix, the Capitol of the State of Arizona.

PRESENT DEVELOPMENT:

Consists of 4 vertical holes (shafts) each 50 feet deep, and 1 shaft 20 feet deep; in addition to these there are many open cats, trenchs and minor scratches scattered over the deposit. All too shallow, however, to change or break through the leached zone.

FUTURE DEVELOPMENTS:

The future development depends entirely on what the "diamond-drill holes will show or disclose", and which shall be then planned and plotted accordingly for the best possible, fast extraction and production.

GEOLOGICALLY:

The Gossan Copper Group Vein being surrounded or enclosed by the so called Yavapai Schist, a metamorphic rock of pre-Cambrian origin, which has been uplifted or tilted up practically into a vertical position and which, through later ages having been intruded by igneous dykes of various kinds, sizes and ages, such as diorites, porphyrys, diabase and rhyolites. WHILE about 2,000 feet to the East parallels the Antelope Hills granite, and about 3½ miles to the West parallels the Bradshaw Mountains granite. ---- Hence, I consider these kind of rock structures as very favorable for the deposition of metallic ore bodies. In fact, all the large copper mines in this county were found and developed in like kind rock formations. One of these being the De Soto copper mine 6 miles to the West; the Blue Bell copper mine 4 miles to the North, (which, when a prospect in 1902, this writer recommended it for development, as result it subsequently produced over $13,000,000.); likewise the great United Verde copper mine 50 miles to the North, at Jerome, a big steady producer since 1890, and now nearing its exhaustion, and reputed as of having produced in excess of 'one billion dollars' in copper, gold and silver; ---- and, not to overlook the LITTLE DAISY CLAIM, a raw prospect in Jerome, Arizona, which this writer recommended for development and which resulted not as the biggest - but as the Richest Copper Mine in the world, which during its life of 16 years produced over $150,000,000. in copper, gold and silver.

ELEVATION:

The elevation of this property being 3,000 feet above sea level and hence an unexcelled climate. No snow in winter, nor excessive heat in summer, and thus permitting pleasant operations throughout the year.

TIMBER & WATER:

There is no timber on the property other than brush wood fit for fuel, and not very much of that, either. Though the mine timber and lumber can be had from the Cleator's saw mill 3 miles to the West at reasonable prices; while rough round timber fit [redacted] for mine stulls, generally used in stopes, ore and waste chutes, and as well in a certain kind of drifts and crosscuts, can be had from the Bradshaw Montains a short distance further on and up from Cleator, at the price "GO & GET IT."

While WATER, can be had for the diamond drilling and domestic purposes from a 2 inch water pipe line which runs lengthwise over the property, at a nominal cost. ---- (NOTE: This water pipe line that runs over the Gossan Copper Group belongs to the Hidden Treasure Gold Mine 1 mile to the South, and so does the big, permanent spring, which is 1 mile North of Gossan Property and 1,000 feet higher up, where the water comes out of volcanic rocks such as basalts and breccias.)

However, whenever greater amount of water maybe required, say for mill, smelter, etc. can be had from the Turkey Creek 1 mile West of the property. ---- And besides, there will be a great deal of mine-water whenever a depth of 300 feet is reached.

ELECTRIC POWER:

Electric Power Line runs over the property. And so does the Telephone Line. Each of which would prove an economic advantage in connection with operations of this property.

IN CONCLUSION:

I wish but to repeat that the Gossan Copper Group has all the essential earmarks indicating [redacted] a copper mine at depth. And thus the small expenditure I have suggested for the determination of same by diamond drilling, being most fully justified. And therefore, without hesitation I recommend that the said expenditure, for said work, should be carried out, the sooner the better. ----------

Respectfully Submitted.

Mayer, Arizona
October 26, 1951.

By; John Slak,

John Slak

Consulting Mining Engineer,

REGISTERED PROFESSIONAL ENGINEER
CERTIFICATE EXPIRES
JOHN
SLAK
DEC. 31, 19__
ARIZONA, U.S.A.

GOSSAN COPPER GROUP

Records and Names of Claims as Recorded in the Office of Recorder of Yavapai County, at Prescott, Arizona. Viz:

Billie,	Book 132 of Mines, Page 517,
Pershing,	Book 132 of Mines, Page 519,
St.John No.1.	Book 132 of Mines, Page 520,
St.John No.2.	Book 132 of Mines, Page 521,
St.John No.3.	Book 132 of Mines, Page 523,
Leo,	Book 132 of Mines, Page 524,
Mayday,	Book 132 of Mines, Page 525,
Bornite,	Book 135 of Mines, Page 49,
Gold Knoll,	Book 148 of Mines, Page 108,
Gossan,	Book 148 of Mines, Page 109,

REGISTERED PROFESSIONAL ENGINEER
CERTIFICATE EXPIRES
JOHN
SLAK
DEC. 31; 19....
ARIZONA, U.S.A.

C O P Y

WE, The Undersigned, owners of the Gossan Copper Group, consisting of ten (10) mining claims, (unpatened) and situated in the Black Canyon Mining District, Yavapai County, Arizona, and about 3 miles Southwesterly from the town of Cordes, on the Black Canyon Highway.

DO HEREBY GIVE full power and absolute authority to John Slak, a well known mining engineer of Mayer, Arizona, to handle said Gossan Copper Group for us in the best possible manner as he may see fit, such as selling or leasing same, or financing or borrowing money for its development, and//or make any and all acts and arrangements that maybe necessary towards success of the property.

WITNESSETH at San Francisco, California, on this 11th day of April, 1952.

Mrs. John Gilchrist,

Mrs. E. M. Mills,

WITNESS:

Mrs. Walter S. Bowring.

(John Slak, Agent,)
(Mayer, Arizona)

DEPARTMENT OF THE INTERIOR
REGION VII
TENNESSEE

OFFICIAL BUSINESS

(PMGC)

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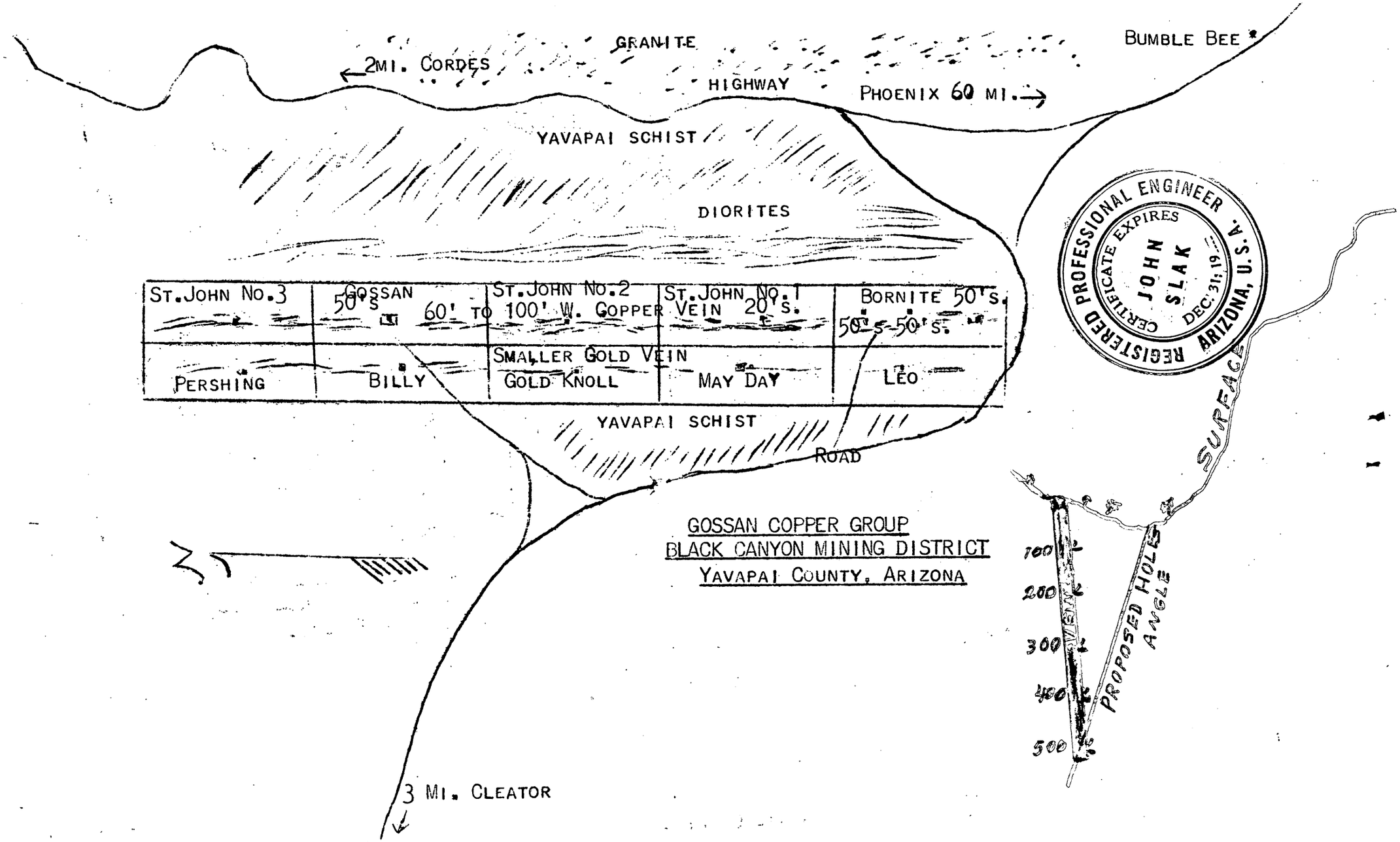
Mr. Frank E. Johnson, Chairman
Operating Committee
Defense Minerals Exploration Administration
Washington 25, D. C.


GRANITE
BUMBLE BEE
2MI. CORDES
HIGHWAY
PHOENIX 60 MI.
YAVAPAI SCHIST
DIORITES
ST. JOHN NO. 3
GOSSAN 50'S
60' TO 100' W. COPPER VEIN
ST. JOHN NO. 2
ST. JOHN NO. 1 20'S.
BORNITE 50'S.
50'S 50'S.
PERSHING
BILLY
SMALLER GOLD VEIN
GOLD KNOLL
MAY DAY
LEO
YAVAPAI SCHIST
ROAD
GOSSAN COPPER GROUP
BLACK CANYON MINING DISTRICT
YAVAPAI COUNTY, ARIZONA
3 MI. CLEATOR
REGISTERED PROFESSIONAL ENGINEER
CERTIFICATE EXPIRES DEC. 31, 19
JOHN SLAK
ARIZONA, U.S.A.
SURFACE
100
200
300
400
500
PROPOSED HOLES ANGLE