



CONTACT INFORMATION

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Arizona Department of Mines and Mineral Resources Mining Collection

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06/03/86

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: PINE TOP GROUP

ALTERNATE NAMES:

LUCKY SEVEN
FALLS GROUP
SEVENTY-TWO
MONTE CHRISTO GROUP
COBB AND DUNAWAY

GILA COUNTY MILS NUMBER: 300A

LOCATION: TOWNSHIP 5 N RANGE 17 E SECTION 34 QUARTER W2
LATITUDE: N 33DEG 47MIN 18SEC LONGITUDE: W 110DEG 32MIN 05SEC
TOPO MAP NAME: BLUE HOUSE MTN - 15 MIN

CURRENT STATUS: PASY PRODUCER

COMMODITY:

ASBESTOS SHORT FIBER
ASBESTOS LONG FIBER
COPPER

BIBLIOGRAPHY:

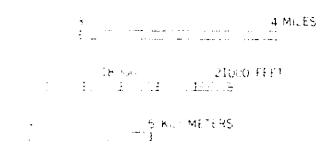
ADMMR PINE TOP GROUP FILE
STEWART L A CHRYS-ASB DEPTS AZ USBM IC 7706
1955 P 56-59
BORMFIELD C S & A SHRIDE MIN RES SAN CARLOS
IND RES USGS BULL 1027-N P 656 1955
ADMMR "U" FILE
ADMR MINS AVAIL SYS AZ ASB GRANT G025401
WILSON E ASB DEPTS AZ AZBM BULL 126 1928 P 55

Maps upstairs flat file drawer #7



Pine Top Camp
 T5N R1E Sec 34 W2

15' 10"
 G1

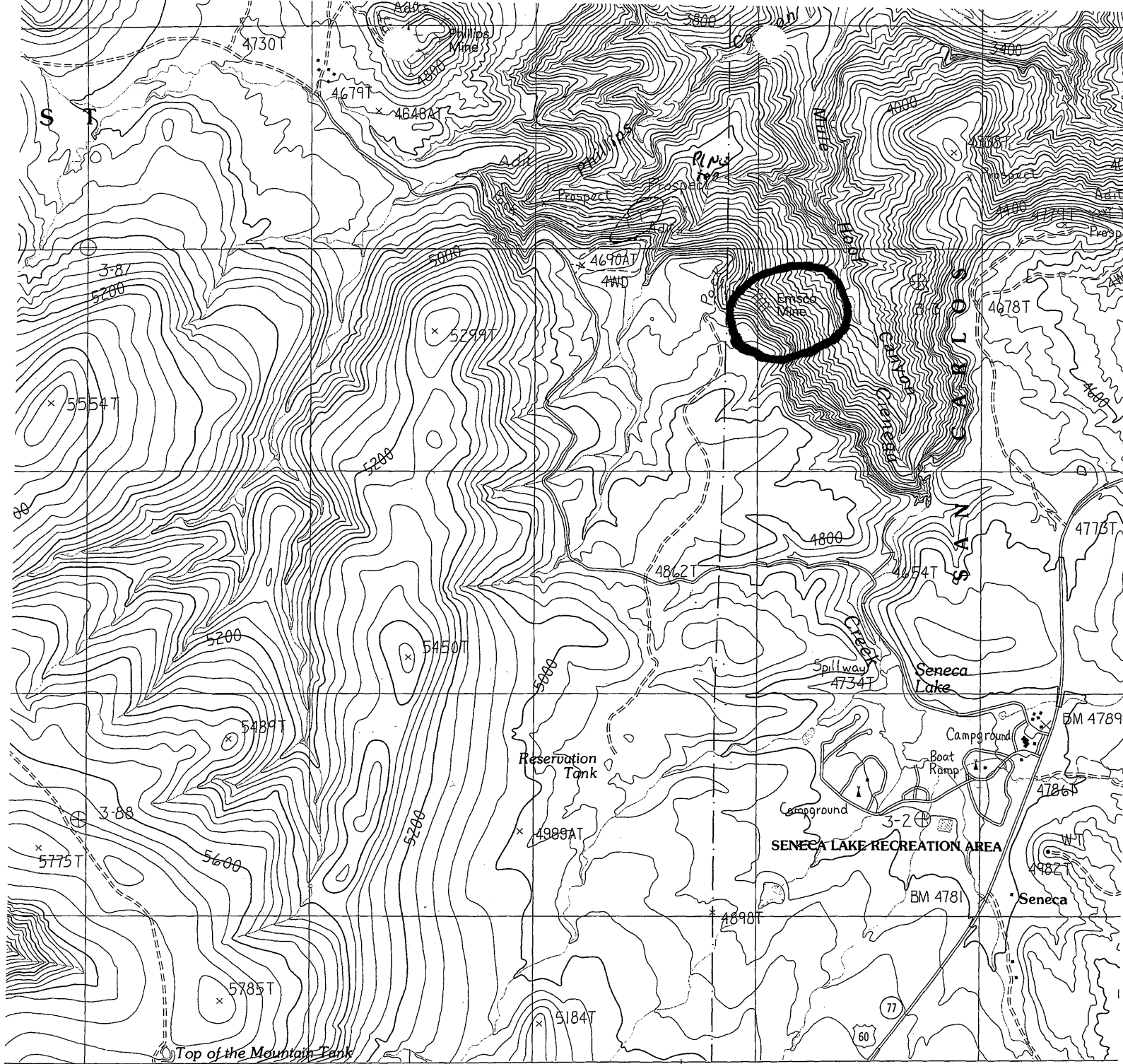


ROAD CLASSIFICATION

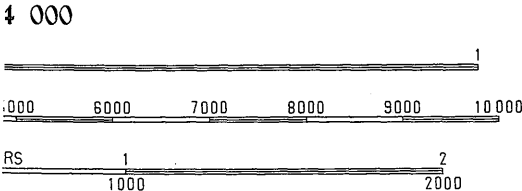
HARD SURFACE ALL WEATHER ROADS DRY WEATHER ROADS
 Heavy-duty 4 LANE 6 LANE Improved dirt
 Medium-duty 4 LANE 6 LANE Unimproved dirt
 Loose-surface, graded, or narrow hard-surface
 U. S. Route State Route

BLUE HOUSE MTN., ARIZ.
 N3345-W11030/15
 1946

WASHINGTON 25, D. C.
 AVAILABLE ON REQUEST



541 542 32' 30" 543 544 545
 INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1988



- ROAD LEGEND**
- Improved Road =
 - Unimproved Road =
 - Trail =
 - Interstate Route (shield symbol)
 - U.S. Route (shield symbol)
 - Sta (circle symbol)

VERTICAL 40 FEET

multiply by .3048
 multiply by 3.2808

FEDERAL MAP ACCURACY STANDARDS
 FEDERAL GEOLOGICAL SURVEY, DENVER, COLORADO 80225
 NATIONAL MAP ACTING DIRECTOR, WASHINGTON, D.C. 20092

1	2	3	1 Double Buttes
			2 Blue House Mountain
			3 Cibecue Peak
4		5	4 Picacho Colorado
			5 Beckers Butte
			6 Haystack Butte
			7 Chrysothile
6	7	8	8 Brushy Canyon

ADJOINING 7.5' QUADRANGLE NAMES

MULE HOOF BEND, ARIZONA
 PROVISIONAL EDITION 1

33110-G5-TF-024

Pine Top Panorama S'ly to SW



Westerly Workings
Marked on Panorama



A-15.0-30 * 31

1974

JUL • 76

JUL • 76

JUL • 76

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

INFORMATION FROM MINE CARDS IN MUSEUM

ARIZONA

GILA COUNTY

SALT RIVER CANYON

CHRYSOTILE MINING DIST # 49

PINETOP MINE MILS #300A

Pine Top Group (file)

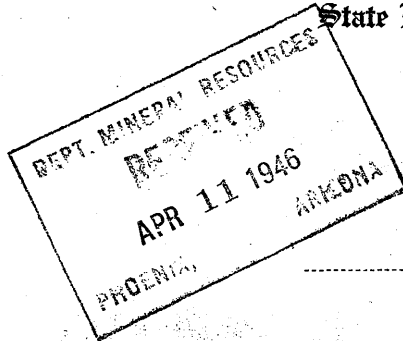
S-AKA's

K 613 Chrysotile

MM N 037 Serpentine

Executive Office

State House



Phoenix, Arizona

April 10, 1946

Respectfully referred to :

Mr. Charles E. Dunning, Director
State Board of Mineral Resources
304 Arizona Title Building
Phoenix, Arizona

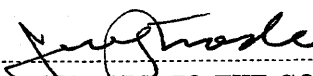
Letter from: B. H. Hendershott, Chief
Priorities, Real Property
War Assets Administration
Washington 25, D. C.

of April 2, 1946

Re: Asbestos Mill & Milling Equipment
Globe, Arizona

Very truly yours,

GOVERNOR.


SECRETARY TO THE GOVERNOR.

WAR ASSETS ADMINISTRATION

WASHINGTON 25, D. C.

April 2, 1946

Hon. Sidney P. Osborn
Governor of Arizona
State House
Phoenix, Arizona

Dear Sir:

You are hereby notified, pursuant to Section 8310.11 of Revised Regulation 10 issued by the Surplus Property Administration, that the following surplus industrial real property, owned by the Government has been advertised for sale or lease in the newspapers and on the dates specified:

Plant

(Lessee or Operator

& Plancor No., if any)

Location

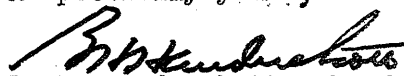
Newspaper Date

1992	Asbestos Mill & Milling Equipment	Wall Street Journal	6/27/45
	Globe, Arizona		

Enclosed for your information are excerpts from Revised SPA Regulation 10, as amended.

If you are interested in the purchase or lease or said property, it is requested that you promptly advise the Regional Director of the WAA Regional office located at Los Angeles, Calif. and that a copy of such notice be sent to the writer, Railroad Retirement Building, Washington 25, D. C. Your priority right must be exercised pursuant to the above Regulation and within thirty days from the date of the mailing of this notice.

Respectfully yours,


B. H. Hendershott, Chief
Priorities, Real Property

Excerpts from Section 8310.11 of Regulation 10, as amended,
issued by Surplus Property Administration relating to Priorities
for State and Local Governments

"Priorities. Government agencies shall be accorded first priority to acquire industrial real property hereunder for their use - - - -. State or local governments shall be accorded second priority hereunder.

"Time and Method of Exercise. The time for exercise of priorities shall be a period of thirty days (30) after the date on which notice is mailed to Government Agencies and State or local governments pursuant to the provisions of paragraph (b) hereof. A priority holder wishing to exercise his priority shall indicate his intention to do so by making an offer for the purchase or lease of the property or by submitting to the disposal agency a written application requesting that the property be held for disposal to the priority holder. Such offer or application shall state the price or rental that the applicant is willing to pay - - - - and shall give all pertinent facts pertaining to the applicant's need for the property. If the applicant shall require time to acquire funds - - - - it shall so state and indicate the length of time needed for that purpose. Upon receipt of an offer or an application with such a statement the disposal agency shall forward a copy thereof, together with its recommendation to the Surplus Property Administrator. The Administrator will review the application, determine what time (if any) shall be allowed applicant to conclude the acquisition of the property, and advise the disposal agency and the applicant of such determination. During the time thus allowed the property may not be disposed of to any other person."

Michigan Asbestos Mill.

D.P.C. plant was built upon directive of W.P.B., and R.F.C. loan was granted upon directive of W.P.B. Based upon urgent need by Navy for asbestos.

Plant was practically completed and operator required additional funds as operating capital. Additional funds were desired upon grounds that the product was no longer considered of strategic importance to the war effort. D.P.C. then declared the plant was surplus property and R.F.C. proceeded with liquidation of their interest in the project.

Our project was undertaken with the apparent assurance of a milling outlet for our ore. There is no other outlet and since Government support of the milling operation was withdrawn, we sustain the loss represented by our equipment and development expense at our property - amounting to \$4,450.

Notes from Lane of Gohman's office.
12/11/44

Southwestern Asbestos Corporation



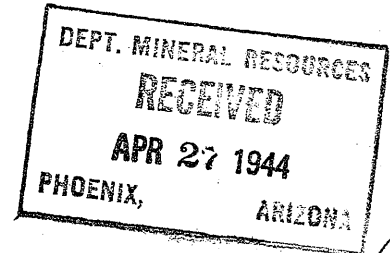
ARIZONA CRUDE AND MILLED ASBESTOS

TELEPHONE 69

P. O. BOX 1574

GLOBE, ARIZONA

PINE TOP ASBESTOS MINE
April 26, 1944



Mr. J. S. Coupal,
Dept. of Mineral Resources,
304 Home Builders Building,
Phoenix, Arizona.

My Dear Mr. Coupal:

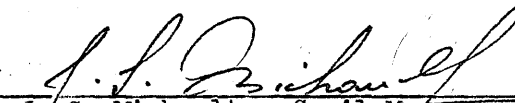
Answering your letter of April 22nd I am sorry to hear about the troubles you and Mr Willis had on your way to Globe.

The next time I am in Phoenix I will get in touch with you, and if you expect to be in Globe in the near future kindly let me know.

Construction of the mill is progressing satisfactorily, and I feel sure we will be able to maintain our schedule from now on since the Defense Plant Corp. red tape has been cleared. With kindest regards to you and Mr. Willis,

Yours very truly,
PINE TOP ASBESTOS MINE

BY


J. S. Michault Gen'l Manager

JSM:b

April 22, 1944

Mr. J. S. Michault
P. O. Box 1574
Globe, Arizona

Dear Mr. Michault:

I am very sorry that Mr. Willis and I were unable to keep our appointment with you last night. On the road over I had trouble with flat tires and later a broken rear axle housing on the car so was forced to have the car towed in from Florence Junction and called off the trip.

Will try to see you some time in the near future but if you are in Phoenix, hope you will call.

Yours very truly,

J. S. Coupal, Director

JSC:LP

April 20, 1944

Mr. J. S. Michault
P. O. Box 1574
Globe, Arizona

Dear Mr. Michault:

It has come to my attention that I wrote you saying that Charlie Willis and I would be at the Globe meeting on Friday, April 28. I was in error on this as the meeting is on Friday, April 21.

Mr. Willis and I will leave here probably around two o'clock on Friday, that is, tomorrow, April 21, and will be at the Old Dominion Hotel and I expect we will reach there around five o'clock, or at any rate before six o'clock, so that I hope we can arrange to have dinner together.

Very truly yours,

J. S. Coupal, Director

JSC:LP

April 14, 1944

Mr. J. S. Michault
P. O. Box 1574
Globe, Arizona

Dear Mr. Michault:

Many thanks for your letter of April 13 and I am in hopes that you may get a definite commitment from Mr. McNab.

I have talked with Charlie Willis about meeting you on April 28 at the Globe meeting and it will be very pleasant to meet at dinner the evening of the meeting. We will leave here in time to reach Globe about six o'clock and will be glad to know where we should meet you.

Yours very truly,

J. S. Coupal

JSC:LP

Southwestern Asbestos Corporation



ARIZONA CRUDE AND MILLED ASBESTOS

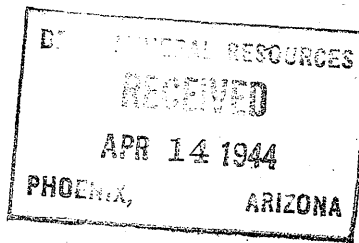
TELEPHONE 69

P. O. BOX 1574

GLOBE, ARIZONA

PINE TOP ASBESTOS MINE
April 13, 1944

Mr. J. S. Coupal,
Dept. of Mineral Resources,
304 Home Builders Bldg.,
Phoenix, Arizona.



My Dear Mr. Coupal:

Thank you very much for your letter of April 10, and also for referring Mr. MacNab to us.

I have received a letter from Mr. MacNab, and I am answering him under date explaining that we are not mining harsh asbestos at the present time but however will be glad to put a small crew to work on this deposit if his company could guarantee us continuous demand for at least 6 months.

I am looking forward to seeing you in Globe with Mr. Willis on April 28th, and if you have no previous engagement, we will make a dinner date for the evening. With kindest personal regards,

Yours very truly,

PINE TOP ASBESTOS MINE

BY 
J. S. Michault

JSM:b

APR 10 1944

April 10, 1944

Mr. J. S. Michault
Box 1574
Globe, Arizona

Dear Mr. Michault:

Mr. E. B. McNab of the Standard Insulation Company, 6420 Avalon Boulevard, Los Angeles, has just phoned me stating that he wants to buy from one to ten tons a month of preferably one to two inch harsh asbestos, but would consider down to one-half inch in order to get a supply.

I advised him over the phone to write you as you are in close touch with the various supplies available in and around Globe.

I did want to discuss with you the situation on using low grade asbestos in Southern California area and believe that our Arizona asbestos would find a ready outlet in that locality.

I expect to be in Globe on Friday, April 28 with Mr. Willis to attend the Globe Council Meeting and hope we will be able to discuss this with you at that time.

Very truly yours,

J. S. Coupal
Director

JSC:JES

*Pure Top
Asbestos*

February 25, 1944

Mr. J. S. Michault
P. O. Box 1574
Globe, Arizona

Dear Mr. Michault:

Many thanks for your letter of February 23 and I will look forward to seeing you on your next trip to Phoenix.

There is a subject which I wish to discuss with you and that is marketing of the low grade product from your mill. I am planning to go to Los Angeles on about March 13 to discuss with the Southwest Mining Association and the Los Angeles Chamber of Commerce markets for some of our non-metallic products. I do feel as though asbestos is one that should be considered as there seems no reason for shipping the lower grade asbestos clear across the country for use in California.

I hope to be able to discuss this with you.

Yours very truly,

J. S. Coupal, Director

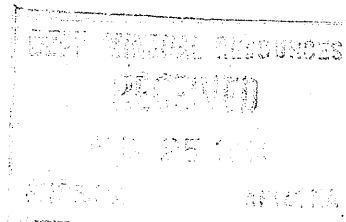
JSC:LP

PINE TOP ASBESTOS MINES

P. O. BOX 1574

GLOBE, ARIZONA

February 23, 1944



Mr. J. S. Coupal
Director, Dept. of Mineral Resources
413 Home Builders Building
Phoenix, Arizona

Dear Mr. Coupal:

I think you will be interested to know the progresses made on our project. Since we actually started operations from January 17 and after the necessary time for organizing the camp we have worked, and are still working on raising the roof in the main stope, as formation seems to indicate the presence of asbestos bearing rocks 12 to 15 feet above the present workings.

Independently from the Canadian Mine I have inspected a very large district in the Sierra Anchas which is extremely promising. As I have already explained to you I intend to work that district, if and when RFC authorizes diversion of some of the loan funds to the operation of that mine.

Futhermore, as this is a very large property we will sub-lease some of it, on a reasonable royalty basis, to some independent operators who have expressed the wish to mine asbestos fiber for the proposed mill. Some of them had no previous experience in asbestos mining and operated small gold or manganese properties which have been closed down. I think you will agree that this set up will promote more activities in the State.

Independently from the above, several small property owners are ready to operate as they are now sure of a local market for their ore.

Our problem now is to rush construction of the mill so as to be ready when mill rock starts coming in for processing.

I will have to go down to Phoenix in the very near future and shall not fail to get in touch with you then.

With kindest regards to you and Mr. Willis.

Yours very truly,
PINE TOP ASBESTOS MINE

cc- Mr. Charles F. Willis

BY


J. S. Michault

JSM:b

Pine Top

W

Jan. 14, 1944

Dear Sam,

I have today wired Michault as follows;

TALKED TO FRANK KUEHL TODAY AND HE INFORMS ME
MONEY IS IMMEDIATELY AVAILABLE FEDERAL RESERVE
BANK LOS ANGELES.

Bill Broadgate

DEPT. MINER RESOURCES
RECEIVED
JAN 17 1944
PHOENIX, ARIZONA

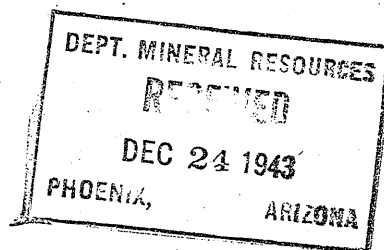
C

PINE TOP ASBESTOS MINES

P. O. BOX 1574

GLOBE, ARIZONA

Dec. 23, 1943



Mr. J. S. Coupal
Director, Department of Mineral Resources
413 Home Builders Building
Phoenix, Arizona

Dear Mr. Coupal:

I think you will be interested to know how we are progressing on the Pine Top project. Most of my time has been spent so far in visiting properties to give me an idea of what we can expect from independent producers. As you know, things are pretty much at a stand still now but I feel sure that when we get started it will create quite a bit of activity in the local asbestos mines.

I have also been busy lining up our equipment, which will come almost entirely from other Defense Plant projects, which solves the important problem of securing equipment and machinery.

As soon as I get the green light from RFC on the mining loan I am ready to start mining operations, and I hope it will be shortly after the first of the year.

Looking forward to meeting you again soon and with my best wishes to you and Mr. Willis for the holidays, I remain

Sincerely yours,

jsm-k

J. S. MICHAULT

WESTERN UNION

1201

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

A. N. WILLIAMS
PRESIDENT

NEWCOMB CARLTON
CHAIRMAN OF THE BOARD

J. C. WILLEVER
FIRST VICE-PRESIDENT

SYMBOLS

DL = Day Letter

NT = Overnight Telegram

LC = Deferred Cable

NLT = Cable Night Letter

Ship Radiogram

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

D57 NL=NEWYORK NY 30

CHARLES WILLIS=

1943 DEC 1 AM 2 06

DEPT OF MINERAL RESOURCES PHNX=

WILL BE IN PHOENIX NEXT WEEK REGARDS=

J S MICHAULT=

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

Print TOP

~~WAR DEPARTMENT~~
ARMY SERVICE FORCES
HEADQUARTERS, SECOND SERVICE COMMAND
GOVERNORS ISLAND, N. Y. 4, N. Y.

DEPT. MINERAL RESOURCES
RECEIVED
NOV 22 1943
PHOENIX, ARIZONA

W

Please direct reply to:
SELECTIVE SERVICE LIAISON OFFICE
Personnel Division
Rm. 700, 52 Broadway, N. Y. City

18 November 1943.

C

Mr. J. S. Coupal, Director
Department of Mineral Resources
413 Home Builders Bldg.
Phoenix, Arizona

Dear Mr. Coupal:

Your letter of November 8th to the Commanding General
2nd Service Command has been referred to this office for reply.

You are informed that J. S. Michault was granted
a deferment from call to active duty of six months and will
be recalled to active duty by this headquarters on May 8, 1944.

Very truly yours,

R. H. Mc Cormack

R. H. MC CORMACK
Lt. Colonel, Inf.

Liaison Officer to Selective Service

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION

1201

(77)

SYMBOLS

- DL = Day Letter
- NL = Night Letter
- LC = Deferred Cable
- NLT = Cable Night Letter

A. N. WILLIAMS
PRESIDENT

NEWCOMB CARLTON
CHAIRMAN OF THE BOARD

J. C. WILLEVER
FIRST VICE-PRESIDENT

AM Radio

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

CA177 11 COLLECT=SN WASHINGTON DC 9 1201P

J S COUPAL, ARIZONA DEPT MINERAL RESOURCES

413 HOME BUILDERS BLDG PHNX=

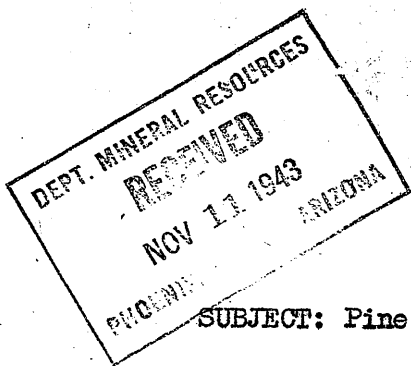
MICHAULT FURLOUGH ARRANGED FOR SIX MONTHS SO PROJECT IS OK=

BILL BROADGATE.

Phone Tap

MICHAULT.

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE



Washington, D.C.
Nov. 9, 1943

C

SUBJECT: Pine Top Asbestos, Globe plant.

As per my wire Michault is furloughed for 6 months as a starter.

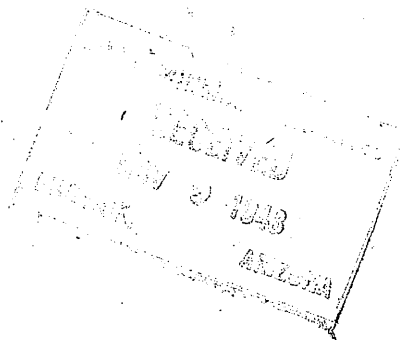
He is now in New York, getting the machinery in shape and preparing to ship.

He will be in Washington next week to complete his papers, and then, I suppose, off to Arizona.

I am very happy about the whole deal, \$105,000 worth!

Bill Broadgate

Washington, D.C.
Nov. 7, 1943



SUBJECT: Asbestos Custom Mill, Globe

You have my wire showing that this project now has full approval from DFC and RFC.

The total project amounts to \$105,000.

Thanks for sending the wire to McFarland.

The WFB Asbestos Division, now fortunately moved under Howard Young, is going after this furlough in a strong manner, and anything we can do will supplement it. I am glad the Navy is so much interested, but on the otherhand, jealousy between the forces may diminish the value of this support.

I should have had Michault transfer his draft status and file to the Globe Board a long time ago, I guess, but it seemed as though his deferment was in good standing and we expected to be notified a decent interval before action was taken.

I wanted him to elect the Navy, because of our influence there, but unfortunately he couldn't quite pass the color tests.

Tell Charlie that Michault will be glad to write an article on asbestos in Arizona for him... the number of words desired is not given.... it seems to me MJ articles usually run to ~~2,500~~ about 3,500 words?

Bill Broadgate

Phoenix, Nov. 6, 1943.

DEPT. MINERAL RESOURCES
RECEIVED
NOV 11 1943

MEMO:

W. C. Broadgate

From J. S. Coupal.

SUBJECT. Deferment: Michault.

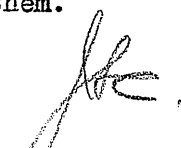
I wired Senator McFarland, the message you ask that I transmit, using practically the wording you used and received the following:

Retel Michault This man will have to personally apply for furlough thru his commanding officer in Army. Should appeal to State Selective Board as their recommendation will probably be followed. If he has any trouble or I can assist let me know.

Ernest W. McFarland, U. S. Senator.

We got good publicity this morning on the Asbestos deal. This will help when and if we have to go a the local Board, if Michault is registered in Globe.

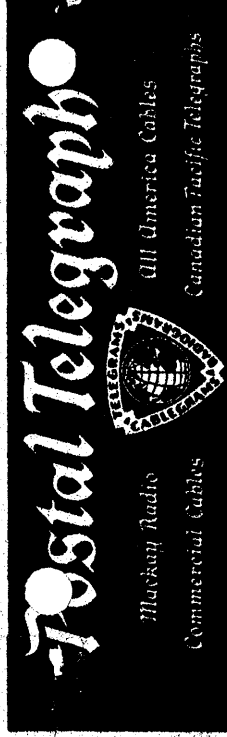
Now that we have the deal, call on us for any selective service work for Michault here in Phoenix as we maintain a close contact with them.


J. S. Coupal.

Your wire arrived at a time when neither I nor Parsons were around, and the Senator went off half cocked. I sort of slipped up on this deal by not having explained to him before, but I wanted to make it appear as though the origination was with you. As a matter of fact, Michault, of course, has no commanding officer. The routine prescribed by McFarland is that for releasing a man long in the Army. In the interim between induction the man is through with Selective Service, and not strictly in the Army organization, though sworn in as part of the Army. McFarland also was under the impression that the Board was in Arizona. I talked to the Senator this morning, and have it straightened out. The Board, unfortunately is in New York and Michault never had his card transferred. I sent you the name of the Army organization in War Manpower which handles these cases.

Bill Broadgate

CHECK SERVICE DESIRED. OTHERWISE MESSAGE WILL BE SENT AT FULL RATE.	
DOMESTIC	FOREIGN
FULL RATE	FULL RATE
DAY LETTER	COD RATE
NIGHT LETTER	URGENT
SERIAL	DEFERRED
RESERVATION	NIGHT LETTER
TOUR-RATE	SHIP RADIO



CHARGE ACCOUNT NUMBER	TOLLS
CP No.	CHECK
TIME FILED	(STANDARD TIME)

Send the following message, subject to the Company's rules, regulations and rates set forth in its tariffs and on file with regulatory authorities

DAY LETTER

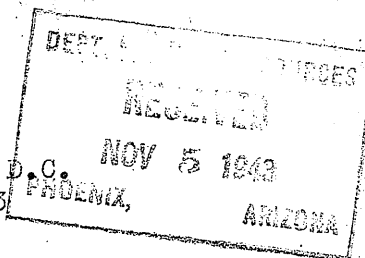
Phoenix, Arizona, November 5, 1943

SENATOR HERNEY W. McFARLAND
UNITED STATES SENATE
WASHINGTON, D. C.

JACQUES S. MICHAULT WHO IS TO BE IN CHARGE OF THE BUILDING AND MANAGING OF THE
GLADEN ASBESTOS CUSTOM MILL MUST AUTHORIZED BY RFG AND DFC, HAS BEEN INDUCTED
IN THE ARMY. ABSOLUTELY NECESSARY TO GET HIM A 6 MONTHS FURLOUGH IN ORDER
TO PUT PROJECT IN RUNNING CONDITION TO BE TURNED OVER TO ANOTHER MANAGER
SUBSEQUENTLY. BROADGATE KNOWS THE DETAILS. PROMPT ACTION IS REQUIRED,
RFG WILL COOPERATE.

J. S. COUPAL, DIRECTOR
DEPT. OF MINERAL RESOURCES

Washington, D.C.
Oct. 3, 1943



SUBJECT: Asbestos, Custom Mill, Globe.

Charlie will tell you this mine loan passed Saturday the RFC Board.

However, I am now in possession of a letter from Jessie Jones making it official.

I am also assured that the DPC end of the loan is OK and will be passed by DPC Board on Friday morning.

Now, it looks as though Arizona can have an asbestos industry... if...

And the if is this.. Michault has just been inducted into the Army practically simultaneously with the granting of the loan, and is now on the usual furlough prior to going to camp.

We must get him furloughed for at least six months in order to get the enterprise properly under way, then he can turn it over to a competent manager and go to war if necessary. Its a Hell of a note, but the draft board, which is in New York, delayed induction for so long and the Bureaus did nothing but talk that they evidently thought there was no chance of the deal going through and cracked down without notice.

Please wire Senator McFarland (not Hayden) something like the following;

Jacques S. Michault who is to be in charge of the building and managing of the Globe Asbestos custom mill just authorized by RFC and DPC, has been inducted in the army. Absolutely necessary to get him a 6 months furlough in order to put project in running condition to be turned over to another manager subsequently. Broadgate knows the details. Prompt action is required, WPB will cooperate.

You may wish to (and should, I think), issue a press release on the passage of the asbestos loan, and I will wire you Friday as soon as I get word that the DPC end is passed by the Board.

Bill Broadgate

MEMORANDUM

TO: BILL BROADGATE

November 5, 1943

FROM: J. S. COUPAL

SUBJECT: Asbestos Custom Mill, Globe

I today wired Senator McFarland along the line indicated in your memo of October 3 on this subject.

I have just received your wire saying the loan was approved and will discuss with Charlie this noon the question of a press release on it.

J. S. Coupal
Director

JSC:JES

November 8, 1943

The War Department
Labor Branch
Industrial Personnel Division Headquarters
Army Service Forces
Washington, D. C.

Gentlemen:

For the past year the Department of Mineral Resources has been working with Mr. J. S. Michault on a project to establish a custom asbestos mill in the Globe area, which mill would handle not only the ores developed on the Pine Top asbestos mine, which is operated by Mr. Michault, but also handle the ores from many of the other smaller mines. This project has recently been O.K'd and has passed the Reconstruction Finance Corporation and the Defense Plants Corporation, and as soon as the legal formalities are completed, work will start.

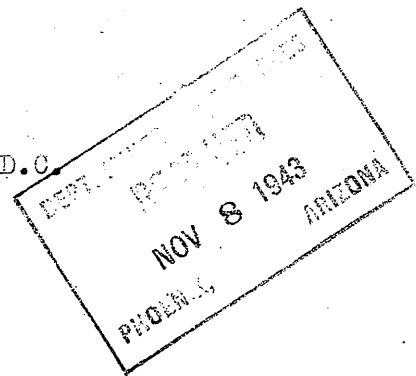
Mr. J. S. Michault, who has been the leading spirit in this matter and who is the key man connected with the whole project, has been inducted. A request for furlough was filed by J. S. Michault on November 4 and I am asking that this request be given the serious consideration due it.

One reason that Arizona asbestos production has been held up is the lack of proper grading marketing and production by independent mines. A market has been obtained by Mr. Michault for the entire output of his plant and I believe the major part of his production will go to Navy contracts.

This is a new project and one which the Department has been working on for a number of years in order to increase Arizona production, but we had been unsuccessful in getting results until Mr. Michault entered into the field and could provide not only the leadership to head up such a project but has been successful in finding a definite market for the output of these independent small mines. Without Mr. Michault's assistance I doubt very much whether or not the project can go.

HOAGSHORN 27 JAN 1944
1. 21. WASHINGTON

Washington, D.C.
Nov. 5, 1943



SUBJECT: Pinetop Asbestos... Globe Custom Plant.

I am very happy to say, as per my wire, that as far as RFC and DFC, this deal is over and the money ready to deliver as soon as certain legal formalities are gone through, which are already agreed on and should not take very long.

Charlie's talks on the subject were very helpful indeed.

Now if we can get the furlough, all will be well.

The WPB is taking vigorous, quick action, and the docket went from WPB to the Pentagon today.

The request for furlough was filed by Michault on Nov. 4th.

The furlough is handled at the following address;

The War Department,
Labor Branch,
Industrial Personnel Division Headquarters,
Army Service Forces,
Washington, D.C.

Now the project is financed, it will of course fall through unless Michault is free to construct the plant and get the business in order and operating smoothly before he has to turn it over to another, who will have to be trained, and go into the Army.

I am wondering if the Department should not make a direct and strong appeal to the Labor Branch indicating how necessary this man is. The navy is, of course, interested, as the bulk of this class of fibre would go for Navy contracts, a little for Army and none for civilian. I believe that as soon as the fact is publicly known that the mill will be built by Defense Plants Corp, there will be a general move into the asbestos business in the area, as the product then will be readily saleable. Asbestos, Inc., is going to place funds in the bank for immediate purchase from the producer.

The total amount involved is \$105,000, both loans RFC and DFC.

Bill Broadgate

November 8, 1943

Commanding General
Second Service Command
New York City, New York

Dear General:

I am enclosing a copy of a letter just written to the War Department, Labor Branch, Industrial Personnel Division Headquarters, Washington, D. C. I have discussed this question of the release of J. S. Michault with Colonel Duffy of the State Selective Service and Colonel Duffy states that the appeal should be made direct to you.

In the enclosed letter I have stated the case and have tried to point out that Mr. Michault is most essential to the carrying out of the asbestos project here in the State of Arizona.

Colonel Duffy suggested that we request that J. S. Michault be placed in the Enlisted Reserve Corps and that he be released for a period of six months for the carrying out of this asbestos project and, if necessary, the Department of Mineral Resources, State of Arizona, will keep in constant touch with the progress on this work and report before the end of six months as to whether or not a further release should be requested.

If there is any additional information necessary to be furnished in order to make a decision, I will gladly furnish same.

Respectfully yours,

J. S. Coupal, Director

JSC:LP
Enc.

STANDARD TIME INDICATED

RECEIVED AT

(35)=

TELEPHONE YOUR TELEGRAMS
TO POSTAL TELEGRAPH

Postal Telegraph

Mackay Radio

Commercial Cables



All America Cables

Canadian Pacific Telegraphs

THIS IS A FULL RATE TELEGRAM, CABLE-
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OR IN THE ADDRESS OF THE MESSAGE.
SYMBOLS DESIGNATING SERVICE SELECTED
ARE OUTLINED IN THE COMPANY'S TARIFFS
ON HAND AT EACH OFFICE AND ON FILE WITH
REGULATORY AUTHORITIES.

For

NI.SA60 IS.CA83 C.WB167 BW22WI(TWO) 43 GOVT PZBW WASHN DC

1230P 6=

NOV 6 AM 11 30

J.S.COUPAL=

Pine Top

TIS ANS WA 174 LG 6TH=C/O STATE DEPT OF MINERAL RESOURCES
(PHOENIX ARIZ)=

RETEL MICHAULT THIS MAN WILL HAVE TO PERSONALLY APPLY FOR FURLOUGH
THRU HIS COMMANDING OFFICER IN ARMY. SHOULD APPEAL TO STATE
SELECTIVE BOARD AS THEIR RECOMMENDATION WILL PROBABLY BE
FOLLOWED. IF HE HAS ANY TROUBLE OR I CAN ASSIST LET ME KNOW=
ERNEST W MCFARLAND= U.S.SENATOR=

Phoenix, Nov. 6, 1943.

MEMO:

W. C. Broadgate

From J. S. Coupal.

SUBJECT. Deferment: Michault.

I wired Senator McFarland, the message you ask that I transmit, using practically the wording you used and received the following:

Retel Michault This man will have to personally apply for furlough thru his commanding officer in Army. Should appeal to State Selective Board as their recommendation will probably be followed. If he has any trouble or I can assist let me know.

Ernest W. McFarland, U. S. Senator.

We got good publicity this morning on the Asbestos deal. This will help when and if we have to go a the local Board, if Michault is registered in Globe.

Now that we have the deal, call on us for any selective service work for Michault here in Phoenix as we maintain a close contact with them.

J. S. Coupal.

CLASS OF SERVICE
 This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION

1201

SYMBOLS	
DL	Day Letter
NT	Overnight Telegram
LC	Deferred Cable
NLT	Cable Night Letter
	Ship Radiogram

A. N. WILLIAMS
 PRESIDENT

NEWCOMB CARLTON
 CHAIRMAN OF THE BOARD

J. C. WILLEVER
 FIRST VICE-PRESIDENT

(05)

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

CA 145 10 COLLECT=SN WASHINGTON DC 5 113 8A 1943 NOV 5 AM 10 09

J S COUPAL, ARIZONA DEPT MINERAL RESOURCES=

413 HOME BUILDERS BLDG PHNX=

DEFENSE PLANT CORPORATION APPROVED GLOBE ASBESTOS MILL THIS

MORNING=

BILL BROADGATE.

Rec'd Top

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

November 2, 1943

Mr. J. S. Michault
Forrest Hills Inn
Forrest Hills, New York

Dear Mr. Michault:

A Mr. Teller who has been in the office discussing with me various mining matters would be very interested in meeting you here in Arizona on your return in order to discuss certain plans for marketing, merchandising and fabricating asbestos products; also discussing with you the mining situation.

It may be of value for you to meet with Mr. Teller when you come to Arizona and I would be glad to arrange it for you.

Yours very truly,

J. S. Coupal, Director

JSC:LP

CC: Box 1574, Globe, Ariz.

ARIZONA DEPARTMENT OF MINERAL RESOURCES

CLASS OF SERVICE DESIRED		CABLE	
TELEGRAM	ORDINARY		
DAY LETTER	URGENT	RATE	
SERIAL	DEFERRED		
OVERNIGHT TELEGRAM	NIGHT LETTER		
SPECIAL SERVICE	SHIP RADIOGRAM		
<small>Patrons should check class of service desired; otherwise the message will be transmitted in the class of ordinary cablegrams.</small>			

COPY OF WESTERN UNION TELEGRAM

September 25, 1943

J. S. MICHAEL
FOREST HILLS INN
FOREST HILLS
NEW YORK

REPORTS YOUR PROPERTY FORWARDED WASHINGTON AIRMAIL SEPTEMBER TWENTY-SECOND.

J. S. COMPA
DEPARTMENT OF MINERAL RESOURCES

From Top

CLASS OF SERVICE
This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION

1201

SYMBOLS
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CA402 12 NL COLLECT=PORTLAND ORG 24

1943 SEP 24 PM 10 45

DEPARTMENT OF MINERAL RESOURCES=

PHNX= *Home Bldg Bldg*

REPORT PINE TOPS ASBESTOS, FORWARDED AIR MAIL WASHINGTON
SEPTEMBER TWENTY SECOND=

GRAHAM MITCHEL SUPERVISING ENGINEER RECONSTRUCTION
FINANCE CORP.

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

MINERAL RESOURCES
RECEIVED

SEP 11 1943

Sept. 9, 1943

Hotel Harrington,
Washington, D.C.

Mr. Jacques S. Michault,
Forest Hills Inn,
Forest Hills,
New York.

Dear Michault,

I had expected to have a call from you before you left for New York.

I know you will be interested to know that Commander Hoffer told me this morning that a supplementary letter of necessity was before the Admiral this afternoon, addressed to Mr. Jessie Jones.

As soon as I have a copy of this letter and sufficient time has elapsed to let it filter down through the organization, I think I may take the matter up with Senator Henderson and see if quicker action may not be procured. I am not satisfied with the time the Mine Loan Section is taking, and I so told Mr. Kuehl at lunch this noon. Rait is on his vacation, by the way, and Tulley is in charge for the time being.

Dr. Mitchel, who has been sent from Spokane to examine the Globe deposits, is, I understand, somewhat of an authority on asbestos deposits, having examined some abroad. I have met him. I hope that some of our people, especially Coupal, get a chance to talk with Mitchel and impress him with the good this project will do the Globe asbestos industry.

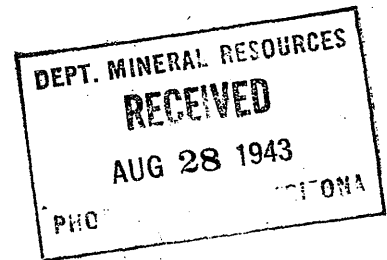
I scarcely think that REC can afford to give prompt and favorable action in the face of a Navy demand.

Sincerely,

W. C. Broadgate
Asst. Director

Washington, D.C.
Aug. 26, 1943

SUBJECT: Pine Top Asbestos.



Thanks, Sam, for your aid with the RFC.

I think I can also get Navy support for the deal and needle Don Rait through that channel. I don't think Don is any too hot to handle any asbestos deposit due to the difficulties of figuring blocked ore as security.... He has turned others down..... and it will need a good report from the field to put the matter over.

Rait is also trying to edge into the DPC picture.

But, after all, RFC will not be putting up much of the money; the DPC end will be the big end, and they are very willing to shoot the deal to their Board the minute the mine loan is approved.

Bill Broadgate

August 23, 1943

MEMORANDUM

PINE TOP ASBESTOS

TO: Bill Broadgate

FROM: J. S. Coupal

I have just had a long talk with Mr. Lane, one of the field engineers for the R.F.C., and he is meeting with Mr. Andrews this evening at Globe to go over the whole asbestos situation and with particular reference to the R.F.C. loan on the Canadian Mine.

I gave him all of the information we had available and explained to him that the present interest was to get an R.F.C. loan on the Canadian Mine and that the mill and other arrangements would be taken care of when and if approval was had on an R.F.C. loan. He seemed to be under the impression that he should look into the entire milling situation and I tried to talk him out of it.

It will take possibly three or four days work in the field for Lane and I hope his results will be satisfactory.

August 20, 1943

Sam:

Please note the attached letters from Michault and replies.

You know all about the case and will you discuss it with Bill Gohring so that he may understand the situation before he makes an examination and will know all about the project.

It might be well to see that Bill Gohring has a brief picture of what has led up to getting this dumped in his lap.

C.F.W.

August 20, 1943

Mr. J. S. Michault
Forest Hills Inn
Forest Hills
Long Island, New York

Dear Mr. Michault:

I have your letters of the 10th and 17th and I also have a memorandum from Mr. Broadgate regarding your problems.

We certainly will discuss it in full with Mr. Cohring of the RFC office. We are very much pleased to have the full information you have given us and we are strongly back of you in trying to get an asbestos plant in the Globe area. We will keep you advised as to progress out here.

With kindest regards, I am

Yours very truly,

CHARLES F. WILLIS, Consultant
Metals Reserve Company

CFW:MH

J. S. MICHAULT

August 17th, 1943

Mr. Charles F. Willis
Arizona Small Mine Operators Assn.,
528 Title & Trust Building
Phoenix, Arizona

Re: PINE TOP ASBESTOS MINES (Project)

Dear Mr. Willis:

Following the suggestion of Mr. Broadgate, I wish to inform you exactly what the plans are regarding the above mentioned project. I am sure you will be interested in same, as it concerns the Arizona asbestos industry in general.

The basic idea is to erect an asbestos cleaning and grading mill in Globe with an intake capacity of approximately 750 tons of mill feed per month. This mill will be fed partly by a mine operated by me, under lease, and partly by ores purchased from independent operators in the district.

I feel that this setup is the most favorable to the industry for the following reasons: -

First, - as far as buyers are concerned, it will assure them with standard grades, good quality, and regular supply, which will create a constant demand for Arizona asbestos.

Second, - as far as mine owners are concerned, it will assure them with a ready local market for their product at fair prices, and with cash on hand no matter what their production is. In this respect, I have secured a contract from a large eastern asbestos concern for the purchase of the mill output. I have also arranged with this concern to have an account opened by them in the Globe bank for immediate payment of shipments. They have agreed to do so against my personal guarantee that shipments will be of standard grades and

J. S. MICHAULT

Page...2 continued
Charles F. Willis
Phoenix Arizona

quality. It is interesting to note that the contract is not binding as far as exclusivity of production is concerned, and I will be free to sell to any other buyers offering better prices.

Prices paid to independent operators for their ores, will be based on the actual yield and on the market prices of the finished product.

As production in the district is presently erratic and not sufficient to warrant continuous operation of the mill, I plan to operate a mine under lease which will assure at least 400 tons of mill feed per month until independent miners are organized.

The original idea was to operate the Pine Top property on the San Carlo Indian Reservation, which I operated in the past. However, following a request from W.P.B. I have agreed to operate instead the Globe Asbestos property, also known as Canadian Mines, as this mine is developed and can be put almost immediately into production, - whereas the Pine Top Property would require quite a bit of development work before being ready to produce.

I have invested quite a bit of money in the Pine Top property, but I am quite willing to forget this for the time being, as the main problem is to get the material and get it as soon as possible. The shortage this year will amount to 6000 tons.

This project should have been operating a long time ago, - if so much time had not been lost with Smaller War Plant Corporations, which delayed the case and finally turned it down for obscure reasons that had nothing to do with the merits of the project itself.

As you know I have now applied to Defense Plant Corporation for the financing of buildings, machinery and equipment. This was quickly settled.

Simultaneously, I applied for a development loan to the Mining Section of R.F.C. to supply part of the necessary working capital. Approximately \$10,000 to \$45,000. is required as operating capital. I am supplying \$17,000. to \$20,000., and the proposed loan will supply \$25,000.

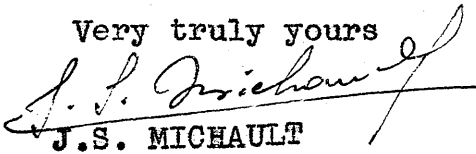
J. S. MICHAULT

Charles F. Willis..Pg. 2
Arizona Small Mine Operators Assn.
August 17, 1943

RFC has now instructed Mr. Gohring, its Field Engineer, to inspect the property, and we are now waiting for his report. I have just received a wire from William Andrews, my superintendant in Globe, advising that Mr. Gohring has not yet set up a date for his inspection. I do hope however, that same will not be delayed too long.

With kindest regards, I am,

Very truly yours


J.S. MICHAULT

Address:

J.S. Michault
Forest Hills Inn
Forest Hills
Long Island, N.Y.

cc: WILLIAM C. BROADGATE
Washington, D.C.

J. S. MICHAULT

Aug. 10, 1943

Mr. Charles F. Willis
Arizona Small Mine Operators Assn.
528 Title & Trust Building
Phoenix, Arizona

Dear Mr. Willis:

In the absence from Washington of Bill Broadgate I am writing to you to advise that Reconstruction Finance Corporation has requested its Field Engineer in Phoenix, Mr. W.B. Gohring, to inspect the Globe Asbestos property in connection with the application for financial assistance, I have filed with R.F.C. under my name doing business as Pine Top Asbestos Mines.

I intend to produce asbestos rock from this property to supply the mill in conjunction with the production of other independent operators in the district for whose benefit the mill will operate on a custom basis as soon as they are organized.

Defense Plant Corporation will finance the building of the mill and their support is contingent to the availability of sufficient operating capital supplied partly by the prospective R.F.C. mining loan and partly by me.

As you know I have been struggling in Washington for the past eight months with the help of Bill Broadgate on this Arizona project for the development of asbestos, and now we are beginning to get results.

R.F.C. is handling my application very efficiently thanks to the contacts provided by Mr. Broadgate but I am informed that some delay may occur in the field office and I was wondering if you would telephone Mr. Gohring and see if his inspection can be made at the earliest possible time, and his report forwarded to Washington.

Mr. Broadgate had suggested before his departure that the field inspection could probably be speeded up from Phoenix and I would be much obliged to you if you would contact Mr. Gohring and explain the situation to him. His address is 325 Heard Building.

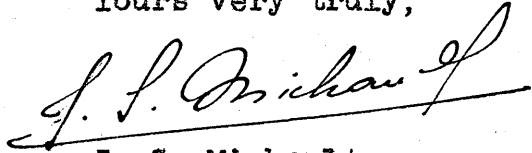
I have advised Mr. William Andrews, my superintendent in Globe, who is expecting Mr. Gohring.

Mr. Charles F. Willis
Phoenix, Arizona

Aug. 10, 1943

Thanking you in anticipation and with
kindest personal regards, I am

Yours very truly,

A handwritten signature in cursive script, reading "J. S. Michault". The signature is written in dark ink and is positioned above the printed name.

J. S. Michault

JSM:D

Forest Hills Inn
Forest Hills, N.Y.

cc--Mr.W.C.Broadgate

Washington, D.C.
Aug. 15, 1943

SUBJECT: Pine Top Asbestos
Michault's letter to Willis, Aug. 10.

I note than an examination by Gohring of the Pine Top deal has been ordered.

I have worked very hard on this job in one way or another, to figure on how to get a mill for Globe, even to the extent of holding a confidential Senate Hearing on the SWPC end of the deal.

The mass of mis-information given the SWPC engineer when he was at Globe, together with all the theoretical assumptions about stockpiles, etc., was largely responsible for the turndown of this loan before.

The engineer wrote in his report a lot of completely irrelevant notes about MRC stockpiles, local and national and foreign prices and purchases, together with a recommendation for a law requiring 50% American asbestos to be used in war industries. As our Arizona production could only be a fraction of the imported, at least for a long time, this was plain silly. There was also a lot of poor information about the mills already built there.

The directors of SWPC were so confused at the diverse recommendations that they took the opportunity to turn the deal down.

This time, I hope that the deal will be a clean one, and that the Gohring examination and report will not be confused by any local scraps, opinions of Macfarlane as to Kyle's theories about selling to Japan, Germany, in the dear dead days, etc., and that ~~the~~ local jealousies will not stand in the way of getting this plant, which I judge you all agree will save the small producer of the Globe area if properly managed... and believe it will be well managed and well financed if given a clear chance. I know that the RFC is chary of loaning to asbestos mines as they do not see the security due to the fact that ore is hard to block out.

This time, every encouragement should be given the project. If the mine loan goes through, I can swing the Defense Plant end, I feel sure. I have been using the pressure of the Senatorial Committee to press RFC and DPC to go the limit. But Gohring's veto would destroy all chances of doing anything. And I think Rait would be pleased as he does not want to loan to Asbestos. I have strong letters of necessity from the WPB to RFC and DPC on this deal. Lets all pull together and go after any trimmings when we get the plant under way.

Do everywhing you can to influence Gohring favorably, and we will have another \$100,000 deal for Arizona.

Bill Broadgate

Washington, D.C.
July 16, 1943

SUBJECT: Pine Top Asbestos

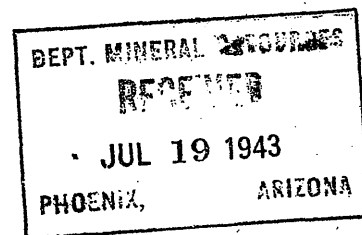
Smaller War Plants turned this down cold.

The reasons were entirely frivolous. A damned shame.

I am splitting down the deal into several factors and going to two or three separate RFC units such as Defense Plants Corp to see if I cannot finance it piecemeal.

Never say die! I am quite hopeful of the outcome.

Bill Broadgate



DEPT. MINERAL RESOURCES
RECEIVED
JUN 25 1943
PHOENIX ARIZONA

June 23, 1943

Dear Sam,

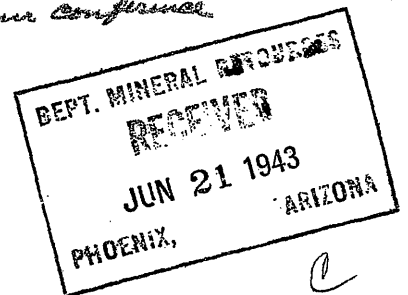
Michault is in town on the Pinetop deal
and expect to see him tomorrow.

Bill

CONFIDENTIAL

Note By Macfarlane:

L. Stewart was present at this meeting & the interest of our conference
was discussion of size & merit of Pine Top mine
I told Hobart that it was a prospect Washington, D.C.
& Stewart also told him the same. June 17, 1943
that a mill would have to be supported by mining
respects mine
meaf.



I have the report of Macfarlane on the conference with Hobart.

It is worth reading.

In the first place Hobart had no business (if he did, and I am inclined to think so as Macfarlane does not know enough about Washington organizations to confuse the names) representing himself as "expert advisor, for the Small Business Committee" This is a serious offense, as Hobart has not and never had, any such connection. Also, as SWPC has been divorced from WPB, I doubt that he has any connection with that organization.

Hobart is an "engineer" advisor for Smaller War Plants Corporation, and, I am told, is an electrical engineer whose activities largely encompassed Russia. I don't blame Macfarlane for thinking the Jews were taking over.

Further, Hobart had no business intimating in any way that WPB would confiscate anyone's holdings... they don't have the authority if they would.

I think that these people would be much better off quitting their factional squabbles and gripes which already have about ruined the deal and certainly have made it difficult to get a rational plan through and let us get the \$100,000 and a first class milling and grading custom project installed.

If there is anything to the reports I have had, and the properties I have seen in the district, the local operators will be able to operate with a custom mill and a market.

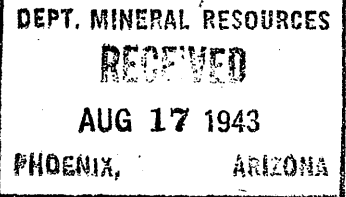
I wish that I could put over the idea that there is no lack of market for properly graded asbestos and there should be no doubt about the fact that no one could have afforded to buy an inferior product at a higher price than standard, graded fibre has been selling for unless there was a real distress condition.

The RFC can be depended on to advance necessary funds on this sort of mining, as with other types, if the material can be handled and the market is available, which it will be.

The talk of Metals Reserve stockpiling has beclouded the issue. WPB will not recommend such a move as long as there is a demand for all the graded fibre that can be put out by adequate facilities.

I cannot understand why Macfarlane should be appearing to help make it difficult to obtain a \$100,000 expenditure to help put the Globe district on its feet. When everyone should have pulled together, the result has been to confuse Hobart, who is pretty easily confused anyway, and make the consummation of the deal difficult. I have been trying to get this money for Globe for months and seem to get little or no local cooperation.

Bill Broadgate



Washington, D.C.
Aug. 15, 1943

SUBJECT: Pine Top Asbestos
Michault's letter to Willis, Aug. 10.

I note than an examination by Gohring of the Pine Top deal has been ordered.

I have worked very hard on this job in one way or another, to figure on how to get a mill for Globe, even to the extent of holding a confidential Senate Hearing on the SWPC end of the deal.

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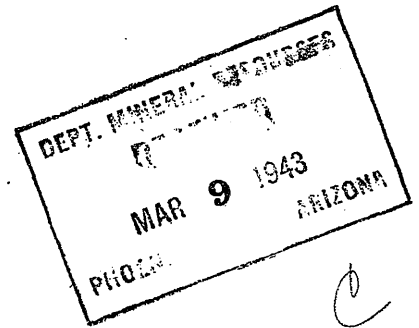
This time, I hope that the deal will be a clean one, and that the Gohring examination and report will not be confused by any local scraps, opinions of Macfarlane as to Kyle's theories about selling to Japan, Germany, in the dear dead days, etc., and that ~~the~~ local jealousies will not stand in the way of getting this plant, which I judge you all agree will save the small producer of the Globe area if properly managed... and I believe it will be well managed and well financed if given a clear chance. I know that the RFC is chary of loaning to asbestos mines as they do not see the security due to the fact that ore is hard to block out.

This time, every encouragement should be given the project. If the mine loan goes through, I can swing the Defense Plant end, I feel sure. I have been using the pressure of the Senatorial Committee to press RFC and DPC to go the limit. But Gohring's veto would destroy all chances of doing anything. And I think Rait would be pleased as he does not want to loan to Asbestos. I have strong letters of necessity from the WPB to RFC and DPC on this deal. Lets all pull together and go after any trimmings when we get the plant under way.

Do everywhing you can to influence Gohring favorably, and we will have another \$100,000 deal for Arizona.

Bill Broadgate

Washington, D. C.
March 8, 1943



SUBJECT: Pine Top Asbestos

I am sorry to say that the Board of the Smaller War Plants Corp. failed to approve the \$100,000 loan for this company on Friday. The reason given was that the company did not have a secure lease from the Indian tribe resident on the San Carlos reservation, although Michault has a wire from the Indian agent assuring him that the lease will be continued in a satisfactory condition. As I understand it, it takes three-fifths of the whole tribe to amend the constitution of the tribe so that a permanent tenure can be granted. I am taking this up through Senator Hayden with the Indian Bureau of the Department of Interior.

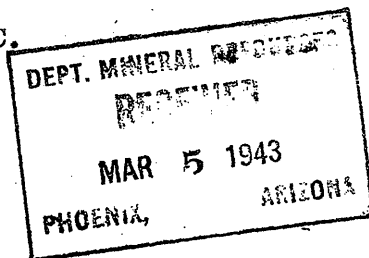
At the same time I am attempting to have the Board of the Smaller War Plants Corp. pass this loan on a contingent basis, disbursements not to be made until the form of the lease is satisfactory to the Board.

If this can be done it will probably defer Michault's draft status which at the present time is in jeopardy as he is classified as 1-A and his draft board is becoming a little restive due to the length of time it is taking him to get financed.

I have some hopes that this situation may be straightened out at the Board meeting on the coming Friday.

Bill Broadgate

Washington, D.C.
Mar. 2, 1943



SUBJECT: Pine Top Asbestos
\$100,000 loan
SWPC

I have been working hard on this all week and it will come before
the Board on Friday.

I am holding my left thumb.

Bill Broadgate

C
H

Washington, D.C.
Feb. 10, 1943

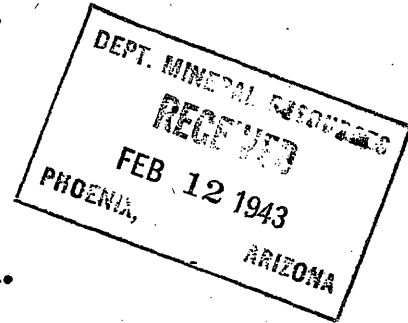
Subject: Pine Top Asbestos.

Michault was in today and also over at Smaller War Plants.

I have been trying to grease the ways for his \$100,000 loan.

It looks pretty good, excepting that I am afraid we cannot get a decision before next Thursday.

Bill Broadgate



United States Senate

Handwritten initials

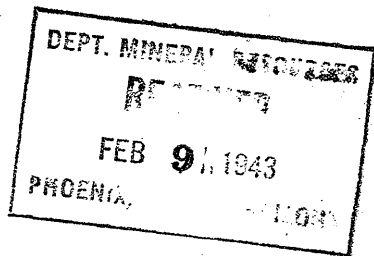
MEMORANDUM

2/8/43

Dear Sam,

Re your Michault memo and attached letter, I talked to Michault in New York on the phone, and he will be here shortly and will give him the memo.

Bill Broadgate



February 8, 1943

Mr. Stuart H. Ingram
Regional Technical Advisor
Mining Equipment Division
War Production Board
Room 1040 - 1031 South Broadway
Los Angeles, California

Dear Mr. Ingram:

Subject: Pine Top Asbestos Group

I have a lengthy report on this property by A. Macfarlane, field engineer in that district, but it has not as yet been copied so I will give you a few of the high points.

The Pine Top Asbestos Mine is well located, very accessible, and within one mile of Highway 60. The mine is in an advanced prospect stage, the total lineal development footage being about 400 feet. It has a past production of around 300 to 350 tons of fiber and now has several hundred tons of No. 1 and No. 2 fiber developed and available for mining. Continuation of exploration headings would add greatly to the ore reserves.

I will forward a copy of the Macfarlane report to you as soon as it has been copied if you so desire. Please advise me.

Very truly yours,

J. S. Coupal, Director

JSC:kk

DEPT. MINERAL RESOURCES
RECEIVED
FEB 5 1943
PHOENIX, ARIZONA

WAR PRODUCTION BOARD
Room 1040 - 1031 South Broadway
Los Angeles, California
February 3, 1943

IN REPLY REFER TO:

Ingram/th

DEPT. MINERAL RESOURCES
RECEIVED
FEB 5 1943
PHOENIX, ARIZONA

Mr. J. S. Coupal, Director
Arizona Dept. of Mineral Resources
413 Home Builders Building
Phoenix, Arizona

Dear Mr. Coupal:

Please give me what information is available on asbestos production of Pine Top Asbestos Mine of Globe, Arizona?

Very truly yours,



Stuart H. Ingram
Regional Technical Advisor
Mining Equipment Division
War Production Board

FOR VICTORY



BUY
UNITED
STATES
WAR
BONDS
AND
STAMPS

Rev. Top Asbestos

February 4, 1943

MEMORANDUM

SUBJECT: Michault Asbestos

TO: Bill Broadgate

FROM: J. S. Coupal

A. Macfarlane has sent in the attached letter on the Michault Asbestos along with a note asking me to look it over and suggesting that it be sent to you.

This may be of interest to you in connection with the proposed loan.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine

Date

District

Engineer

Subject:

Globe, Arizona.
Jan. 22, 1943

Asbestos

Mr W.C. Broadgate
Washington, D.C.

Dear Mr Broadgate:

Believing you are in touch with Mr Michault, I desire to suggest to Michault as follows:

That instead of his intention to borrow a large sum of money from the R.F.C. for the purpose of buying asbestos mill machinery and erecting a custom mill, near the Salt River asbestos group at or near Seneca; that he options the Frank Lund mill, which is installed here in Globe.

This Lund mill has nearly all the equipment needed for a 20 ton per shift mill, but it is badly erected on to limited ground and poor building, small warehouse capacity, on Ry switch.

Lund has not operated his mill for over a year and desires to sell out, he also has in stock nearly 600 tons mill rock and a few tons of cleaned fibre, ware-housed here in mill building.

The best site for a custom asbestos mill is near the junction of Hwys. 60 & 70 at the north-east outskirts of Globe.

Good hill slopes and plenty of cheap ground for buildings and the stub roads. Globe electric power and water.

Both rail and large cross country truck transportation available in Globe and phone and telegraph service, all essential in the operation of a custom asbestos plant.

A government loan of \$40,000. to \$50,000. would be ample to buy and re-erect this mill and make such new additions, as may be advisable and still leave a working capital of several thousand dollars.

The hand cobbing of the serpentine fibre done when mining, gives a mine run or mill run of material, that does not contain over 10% to 15% waste, the other 90% is asbestos crude product salable at some price per grade.

It is then necessary to ship from Globe this 90% of the mill run, so that the only truck transportation lost is the 10% waste, this is more than saved in the power consumption alone.

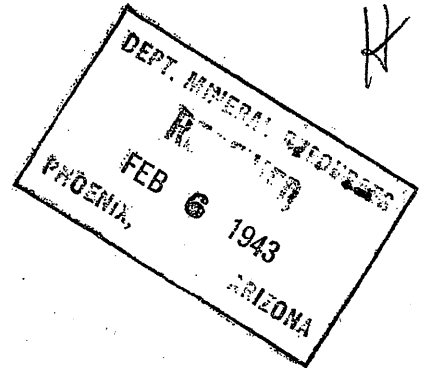
Michault's foreman agrees to the soundness of this Mr Wm. Andrews, who seems to be well experienced in the asbestos industry.

Washington, D.C.
Feb. 3, 1943

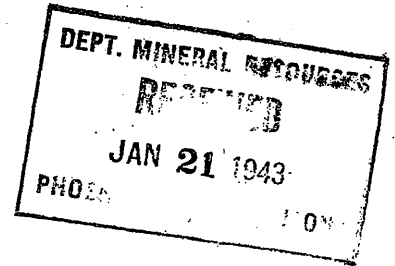
SUBJECT: Pine Top Asbestos Co

I have information this afternoon that the Smaller War Plants Corporation look favorably on this application with the exception that they have no firm lease from the Indians.

Bill Broadgate



Washington, D.C.
Jan. 19, 1943



SUBJECT: Pine Top Asbestos

Was with Michault today.

Things have certainly changed around the asbestos branch WPB.

They approved his project and he got a P-56 the same day.

I am sending him to the Smaller War Plants Corp to try and get him \$100,000, as I think they can act quicker than RFC on such a loan.

Bill Broadgate

AUGUST 26, 1948

Mr. J. S. Michault
P. O. Box 1574
Globe, Arizona

My dear Mr. Michault:

I am enclosing herewith a copy of mine owner's report filed with this department covering the FINEROP MINE in the McMillien District, Gila County.

I shall be glad to submit this report to anyone making inquiry for a property such as yours.

Assuring you of my desire to be helpful, and with best wishes, I am

Yours very truly,

J. S. Coupel

JSC:hal

Enclosure

PINE TOP MINE

GILA COUNTY

Active Mine List April 1969 - 7 men - J. L. Neal, Mgr. Metate Asbestos Corp.,
P.O. Box 111, Globe, Arizona

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Metate Asbestos Mill & Pine Top Mine Date May 21, 1962
District Globe District - Gila County Engineer Lewis A. Smith
Subject: Interview with Jack Neal

Metate is operating on an order for 32 tons of filter Fiber (Grades 3 & 5-6) for Switzerland (Filtrol Corp.), and a few small lots of short (No. 7 fiber) for Mexican consumption. The filter fiber contract calls for \$380.00 per ton. Jack Neal stated that he now is operating at Pine Top. The ore bed there is, at present, 18 inches to 22 inches thick. He is mining the ore bed, then removing 30 inches of waste from below it for gob. This, along with 1 foot of serpentine above the ore, makes about 5' of mining height. The average yield is 1½ tons of fiber for 12 tons of ore delivered to the mill. This, Neal calculates, will give a profit of about \$65 per ton. The fiber bed contains very little No. 1 or No. 2 grades, being mainly No. 3 to No. 6. Neal states that these prices will not permit sufficient development work. He will operate continuously, only, if the price for filter grade stays at \$400.00 or more.

PINE TOP ASBESTOS MINE

GILA COUNTY
SALT RIVER ASBESTOS DIST.

Mr. Grady B. Gullledge, 848 Earll Drive, Phoenix, and P. O. Box 606, Globe, Ariz.,
says he is the owner of the above property.

Phone call to Lewis A. Smith, 8-22-60

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Pine Top Copper sec ³⁴ 27, 5N, 19E

Date January 30, 1963

District Seneca (Chrysotile District) Gila Co.

Engineer Lewis A. Smith

Subject: Mine visit with C.L. Neal and Bob Neal

Location: Between the Ensco and the Phillips mine. (2 miles E. Phillips)

Owner: Metate Asbestos Corp., Bin 111, Globe.

Mineral: Copper

Work: One shallow pit (8-10' deep) and two bulldozer cuts about 100' long and about 6-8 feet deep.

Geology: The geology locally from top to bottom consists of Mescal limestone, a diabase sill and shale (possibly Pioneer). The copper is mainly composed of chrysocolla, azurite and malachite and replaces the Mescal limestone in a narrow band ($1\frac{1}{2}$ - 2 feet thick) close to the dip of the diabase sill. The grade is about 2 per cent up to a maximum of 6 per cent. The ore bed dips flatly to the north-east and strikes about N 60 degrees W. The ore bed is, in certain bands, converted to a sugary quartz and the entire width is silicified to variable degrees. The area is iron stained for some distance above the ore bed. The Mescal limestone bed is thin bedded and appears to be somewhat argillaceous. The two cuts show iron stained and severely weathered limestone and no copper.

Access: The property lies only about 1/2 mile from State Hwy. 60 via the Phillips mine road. However the only copper showing is in the pit and the cut bottoms appear to be above the copper bearing horizon. The grade is deemed insufficient to be worked under present costs particularly since the stripping ratio will soon become prohibitive.

Report on

✓ PINE TOP ASBESTOS MINE,
Salt River Asbestos District,
Gila County, Arizona,

by

J. S. Coupal, Mining Engineer,
Phoenix, Arizona.

PROPERTY: This property is on the San Carlos Indian Reservation, and located about 1 mile west of U. S. Highway 60 at a point 3 miles southerly from the crossing of Salt River and U. S. Highway 60. It consists of 8 claims, 7 of which are located with side lines adjoining and with the outcrop of the veins cutting the side lines, and 1 claim located in the manner common to lode locations, with the outcrop cutting the end lines.

The property is under lease from the San Carlos Indian Agency and a working contract with the lessee, L. A. Kuehne, by Grady Gullledge and Barry de Rose.

ACCESSIBILITY: The property is probably the most accessible of the various Gila County asbestos mines. A practically level mine road, about $1\frac{1}{2}$ miles in length to the mine camp, leaves U. S. Highway 60 at a point 37 miles from Globe and 4 miles from the Salt River Bridge where U. S. Highway 60 crosses the Salt River.

From the camp site, one mine road leads to the northerly end of the property, about $\frac{3}{4}$ of a mile in length, and a trail, about $\frac{1}{4}$ of a mile in length, leads to the southerly end. The trail to the southerly end can be made into a good truck road at a very nominal expense. Grades in both roads are moderate and can be easily maintained.

GENERAL CONDITIONS: The property is located at about 4000 feet elevation. Two springs are available for domestic and mine use at about $\frac{1}{4}$ of a mile from the camp site, with a lift of not more than 200 feet to the camp and workings. The climate is favorable for year-round operations, and only a slight snow fall occurs in the winter months.

GENERAL GEOLOGY: As in the other properties of this district, the asbestos occurs in a serpentine bed in a segment of the limestone between intrusive sills of diabase. The occurrence is on the same general horizon as the Regal Asbestos Mine and the Philips Asbestos Mine, which are to the southwest of the Pine Top. The main diabase sill is about 5 feet below the ore zone.

ORE OCCURRENCE: On the northerly end of the claims there are three tunnels on the vein, 200 feet, 100 feet, and 10 feet in length respectively, and spaced 120 feet and 60 feet apart. The asbestos occurs in two veins, $4\frac{1}{2}$ to 5 feet apart. The mill rock is about 12" in thickness, with 4" to 7" of fiber running from $1/4$ " to 6" in length. This is a harsh fiber.

The southerly end of the property has numerous short openings on the ore zone by drifts, three of them being 15 feet, 10 feet, and 5 feet in length, and other open cuts. There are two serpentine zones, 4 to 5 feet apart, showing 6" to 12" in width of mill rock carrying soft fiber. The ore zone is from 3 to 5 feet above the major diabase intrusion. Between the northerly and southerly workings a fault occurs, and the dike of diabase cuts away from the bedding plane of the limestone.

ORE ESTIMATE: The development of the property is insufficient to make any sound estimate of the probable tonnage. Ore of commercial grade has been exposed in practically all of the workings. The ore zone is covered by 4200 feet in length on the outcrop by the 7 claims, with side lines cutting the outcrop, and an additional 1500 feet in length by Pine Top #7, on which the ore zone cuts the end lines. Little or no work has been done on the #7 claim, but it is well located and development work should uncover more of the ore.

RECOMMENDATIONS AND COST: I do recommend the following expenditures on the property:

ESTIMATE:

Compressor	\$ 2,500.00
Road work	500.00
Water supply; tanks, pipe, etc.	500.00
Camp	1,000.00
2000 feet of track	800.00
Ties, fish-plates, etc.	250.00
3 ore cars	150.00
Drills and accessories	900.00
Steel and drill bits	200.00
Small tools	150.00
1000 feet of drifting @ \$10.00	10,000.00
Working capital	<u>3,050.00</u>
	<u>\$ 20,000.00</u>

There are several openings where work can be started immediately and mill rock produced, so that earnings can be shown before the total requirement of \$20,000.00 is made. However, it is recommended that this sum be provided for placing the property in production on a sizeable tonnage basis.

Due to the meagre development work, it is difficult to estimate probable daily tonnage of production of mill rock; but with the proposed 1,000 feet of development, and assuming the thickness and value of the mill rock continues as now exposed, it is reasonable to anticipate a daily tonnage of from 25 to 30 tons of commercial mill rock.

Mining in most of the asbestos properties in the district has been on a hand-to-mouth basis, with little or no attention given to the preparation of stopes in advance of extraction. By a systematic planning of haulage ways, stopes, pillars, and the handling of waste, costs per ton of mill rock can be greatly reduced and a steady production maintained. For the first three to six months at least 25% of the labor should be allocated to development and stope preparation. This percentage can be decreased at a later date, but at least 20% of the labor continued on such work.

ESTIMATE:

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Road work	500.00
Water supply; tanks, pipe, etc.	500.00
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There is rather a limited market for the harsh fiber, but practically an unlimited market for the soft fiber.

I do recommend the property as justifiable for the development work outlined.

Respectfully submitted:

J. S. Goupal
Mining Engineer
Phoenix, Arizona

July 7, 1948.

ASBESTOS SURVEY

NAME OF PROPERTY PINE TOP ASBESTOS MINE (on Apache Reservation-San Carlos-HDQTRS)

OWNER - Name G. L. NOEL OPERATOR: Name Grady B. Gullede

Address HOLDBROOK, ARIZONA Address P.O.Box 606, Globe, Ariz.

TYPE OF ORE: ASBESTOS & SERPENTINE

Length of Fibre FINES UP TO 4,5 & 6 inch (Semi-soft)

Soft Undeveloped Hard (SEMI-HARSH OR SEMI-SOFT)

PRODUCTION (tons of crude ore)

production records not available.

Past PERIODICAL for the past twelve years due to limited market/

Present SUSPENDED TEMPORARILY AWAITING MARKET FOR Semi-soft fiber.
Monthly

Estimated Future Production Un-determined
Monthly

ORE RESERVES:

Ore in Place Un-known

Probable Ore un-known

IS YOUR ORE THE TYPE THAT COULD BE MILLED WITH OTHER ORE IN YOUR DISTRICT?

IF A CUSTOM MILL WAS AVAILABLE IN THIS DISTRICT

Signed: Grady B. Gullede
Grady B. Gullede

March, 1954

Arizona Department of Mineral Resources
Phoenix, Arizona

Pine Top Asbestos Mine

Owner-SanxCarlos Reservation lease to

G. L. Noel,

Holbrook, Arizona

Operator--Grady B. Gullledge,

P. O. Box 606,

Globe, Arizona.

The production from this property has long been somewhat intermittent due to lack of ready market for this harsh a fiber, in spite of its good length. When marketable, only the longest, sometimes #1 and sometimes #1 and #2. There is some soft fiber on the property, but this has not been developed and mined, recently, due to location and transportation.

Past production is unknown, either for amount or rate, but with a steady market at a reasonable price this property could produce one or more tons of fiber per day of #s 1, 2, and 3.

Crude reserves.

There is little blocked ore, but it would be in reason to consider 25 to 50 tons fiber reserves in place, and probable reserves of a few hundreds of tons, and possible tonnage greater. This would of course depend on price and what grades would be marketable. Recent past practice has been to consider only ore which was contained long #1, some up to 3 to 6 inches in length, most on the order of 1 to 2 inches.

ASBESTOS SURVEY

NAME OF PROPERTY _____

OWNER - Name _____ OPERATOR: Name _____

Address _____ Address _____

TYPE OF ORE: _____

Length of Fibre _____

Soft _____ Hard _____

PRODUCTION (tons of crude ore)

Past _____

Present _____

Monthly

Estimated Future Production _____

Monthly

ORE RESERVES:

Ore in Place _____

Probable Ore _____

IS YOUR ORE THE TYPE THAT COULD BE MILLED WITH OTHER ORE IN YOUR DISTRICT?

Signed: _____

March, 1954

Arizona Department of Mineral Resources
Phoenix, Arizona

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine PINE TOP

Date December 10th, 1942

District McMillen, San Carlos Indian Res.

Engineer A. Macfarlane

Subject: Correspondence Relative to Finance

Department of Mineral Resources--Pursuant to your instructions I have made a short examination of the Pine Top Asbestos Mine and report as follows:

Location: The workings are about 1500 feet southerly from Salt River and up the escarpment approximately 800' higher than the south bank of the river; the Seneca Falls and canyon sweeps around the southwest foot of a table land or mesa the northerly rim of this mesa being the top of the cliff breaking precipitately to the river bank.

The store and cabins of Wilson are about 2½ miles southerly from the mine and highway #60 passing northeasterly in front of the store sweeps around the east limits of the claims.

Due to the absence of the Lessee or owner M. J. S. Michault I could not obtain data relative to time of lease or the number of claims; Mr. Wm. Andrews who worked on this mine for Mr. Michault was kind enough to accompany me to the property.

Present Development: On the easterly end of the cliff and in the upper strata of lime and serpentine three tunnels were driven on the Asbestos strata, the total length of these tunnels 200 lineal feet; the first one east now being the Powder house, exposes very little Asbestos; the second tunnel driven southerly meanders around and connects with the third tunnel and the strata between tunnel 2 and 3 is stoped out for the first 60'.

No. 2 tunnel heading about 110' south of the portal is on about 16" of harsh fiber bearing strata so also are the east and west sides of this tunnel, a considerable piece of the blanket is in this zone yet in place.

A new tunnel whose portal is less than 100' west of N. 3 was driven this year about 140' southerly, track laid and all in working order, no stoping has been done from the sides of this tunnel.

The Asbestos strata as developed thru the New Tunnel is from 9" to about 14" and for about 40' the strata was pinched to a seam to again thicken to 12" in the tunnel heading, also a floor strata of 4" thickness.

Discovery work was extended to the western continuity of the strata, during this year and at least six short tunnels and cropping stopes were made, two of these showing up to 14" of fiber bearing strata.

Past Production: Calculating approximately the cubic footage of stoped ground, and making measurements of the thickness of the asbestos bearing strata also the thickness of an average looking section of the fiber veins, I calculated that close to 200 tons of harsh fiber had been won from the stoped ground and the cropping.

The fiber as now exposed in the various faces is from 1/8" to 4" and the frequency of the veinlets within an average strata of 1.3' is close to 30% asbestos versus 70% combined serpentine and lime.

Assuming a cubic foot of the Gangue and fiber will weigh 125# (being 16 cubic feet in place to a ton) and advancing sheading 6' wide one foot and that the thickness of the strata is 1.3', we have $6 \times 1.3'$ equals 7.8 cu. ft. $\times 125\#$ is 975# of which 30% is asbestos of 4 different grade for each foot of heading advance.

In order to win a ton of mine run crude fiber it is required that an advance of a face 6' wide of nearly 7 lineal feet and considering all mining and direct other costs, the 1 ton of crude would require to net at least \$100.00 just to pay the direct operating costs.

Mr. Roger Kyle states that a few years ago he sold the cleaned harsh fiber of the Pine Top mine at \$250.00 per ton.

Present Tonnage Available: In the block of ground extending from the east side of the new tunnel to a point 25' east of the No. 2 tunnel I estimate there is approximately 500 tons of crude asbestos.

The above estimate does not include any of the ground westward of the New Tunnel and in the direction of the westward open cuts and short tunnels, as more work is required in that zone to establish the thickness and continuity of the fiber strata.

An expectancy of a much larger ore reserve is only fair, no distinct faults are in evidence and the strata cropping is extensive towards the west; the eastern extension would within 300' of No. 2 tunnel heading break thru to the surface facing a canyon skirting the eastern limits of the property, but an indefinite tonnage of ore may be opened up, by extending No. 2 tunnel easterly.

Structural Features and Geology: These features are typical of the asbestos neighboring mines and have been more ably covered by engineers from the University of Arizona, also Mr. J. S. Coupal, Director of the Mineral Resources Board has reported on a number of these mines and covered the above subjects fully.

All work on this mine has been conducted on the upper serpentine lime strata, except a cut started about 200' lower and north of the main workings, here a narrow blanket shows some soft fiber; there has not been sufficient development or stoping on this strata on which to base a statement. The showing justifies more openings.

A considerable thickness of diabase from just above the lower strata and extending upwards to form the sill under the main or upper strata, in fact all elements are conformable to the aforesaid geology.

Transportation: A stub road requiring some widening but now passable for a distance of about 1 mile connects with the paved highway #60, thence 39 miles to Globe.

A rate of \$3.00 per ton from mouth of the mine tunnels to Globe, I believe, will cover that cost.

Handling and Cleaning: The asbestos as mined and broken loose from the serpentine is done mostly by hand after blasting the vein or strata and the product is crude asbestos, and in view of the fact that all the different grades of product are marketable, it seems most logical that the milling of the fiber and grading os same, be done in Globe, where electric power is available and quicker repairs can be made.

There is no loss in trucking as nothing is thrown out as tailings.

Marketing: It is now most evident that an agency equipped to mill, grade, and buy the output from the many small producers should be established at Globe.

This Agency both to represent the many producers as well as the final purchasers, the Agency to be allowed a fair milling and handling commission for obtaining a steady market, and to cover fairly the interest on the capital invested.

Conclusion: The numerous properties spread over this area for 70 miles northerly from Globe, have now a large combined tonnage now visible and a much greater potential tonnage is certain; there may not be known at this time any one large producer or thick body of asbestos.

The former reports covering in part this field, speak of stratas from a few inches up to 4', this magnitude and size of structure means small tonnage at each opening, but as stated the many properties will yield a large composite tonnage, a sound basis for a marketing agency.

RAL RESOURCES

zona

airgrounds

ZONA



REASON CHECKED
 Unclaimed.....Refused.....
 Unknown.....
 Insufficient address.....
 Moved, Left no address.....
 No such office in state.....
 Do not remail in this envelope

Mr. J. S. Michault
 Globe,
 Arizona

WALTER

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

July 10, 1958

To the Owner or Operator of the Arizona Mining Property named below:

<u>Pinetop Asbestos Mine (Gila County)</u>	<u>asbestos</u>
(Property)	(ore)

We have an old listing of the above property which we would like to have brought up to date.

Please fill out the enclosed Mine Owner's Report form with as complete detail as possible and attach copies of reports, maps, assay returns, shipment returns or other data which you have not sent us before and which might interest a prospective buyer in looking at the property.

Frank P. Knight

FRANK P. KNIGHT,
Director.

Enc: Mine Owner's Report

NAME OF MINE: PINE TOP ASBESTOS

COUNTY: GILA

DISTRICT:

METALS: ASBESTOS

OPERATOR AND ADDRESS:

MINE STATUS

DATE:

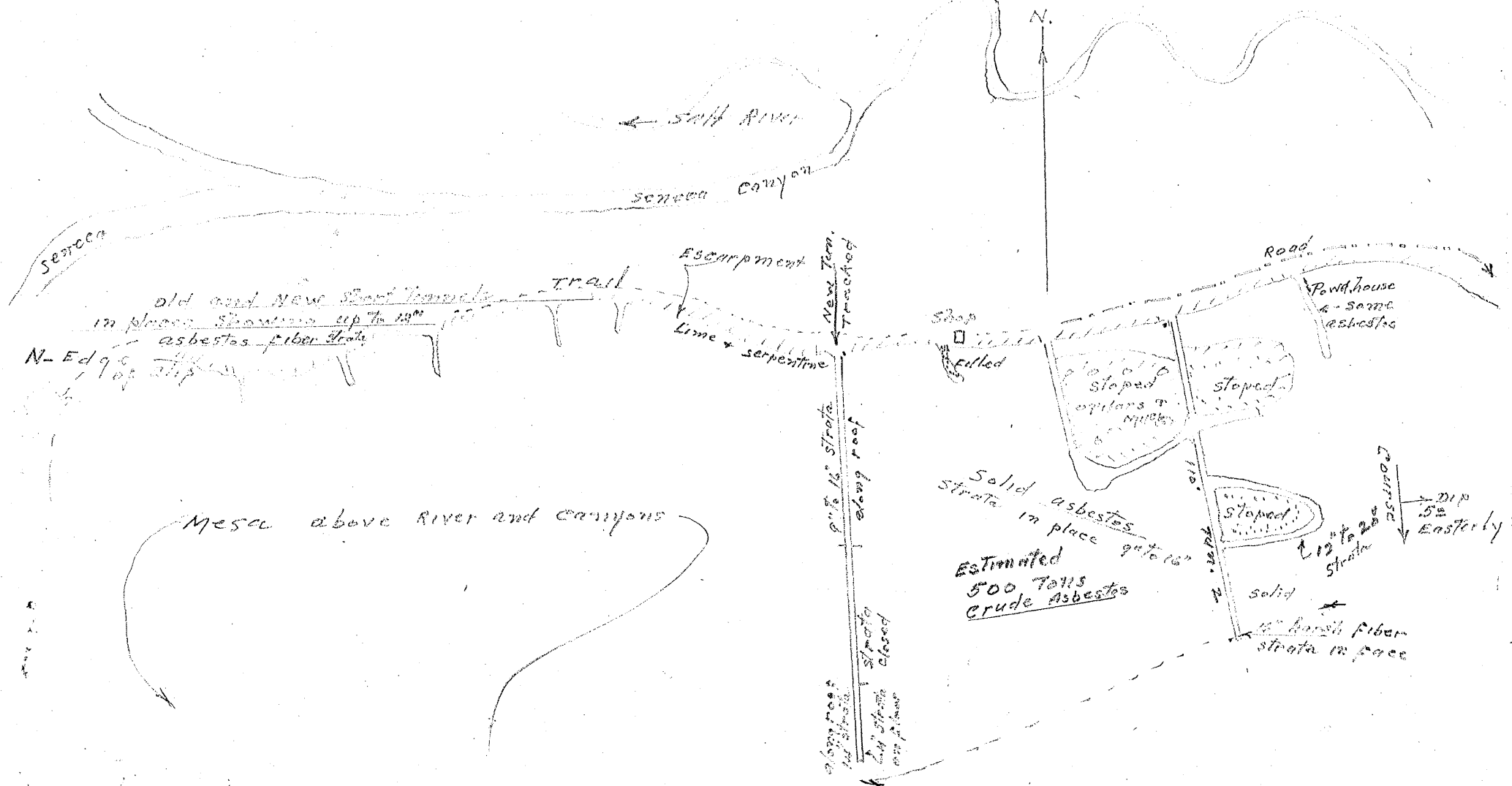
5/1/44

J. S. Michault, Globe

DATE:

5/1/44

Building



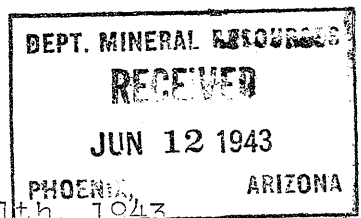
Sketch Plan "Pine Top Asbestos mine" approx. Scale 1" = 50'
 J. S. Michault Lesse
 McMillan Mg. Dist. San Carlos Res. Ariz.
 Notes of B. S. Michault Dec. 10/112

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
MINE OWNER'S REPORT

Date August 21, 1942

1. Mine Pinetop
2. Location 37 miles NE of Globe on Highway 60
3. Mining District & County McMillien District, Gila County
4. Former name Pinetop
5. Owner San Carlos Indian Reservation
6. Address (Owner) San Carlos
7. Operator J. S. Michault
8. Address (Operator) Box 1574 Globe, Arizona
9. Pres. (Owning)
- 9A President, Operating Co. J. S. Michault
10. Gen. Mgr. J. S. Michault
14. Principal Minerals Asbestos
11. Mine Supt. William Andrews
15. Production Rate 2 to 7 tons daily
12. Mill Supt. None
16. Mill: Type & Cap. None
13. Men Employed 20
17. Power: Amt. & Type None
18. Operations: Present Mining harsh asbestos, the entire production being shipped to Asbestos, Ltd., N.Y. Also developing the deposit of soft fiber.
19. Operations: Planned Building a mill, and increasing production in order to take care of a rising demand. 50 tons of the different grades per day is the goal.
20. Number Claims, Title, etc. 10 claims owned by the San Carlos Indian Reservation
21. Description: Topography & Geography The mine is situated a few hundred feet off the highway 60 facing the so-called Horse Shoe on Salt River.
22. Mine Workings: Amt. & Condition Two tunnels have been driven on the harsh deposit; and a new development is presently worked along a face about 1200 ft. long, 5 new tunnels being driven on that ledge. 300 feet below two tunnels are driven in the soft fiber deposit

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT



Mine MICHAULT ASBESTOS DEAL

Date June 11th, 1943

District

Engineer A. Macfarlane:

Subject: HOBART

Dear Mr Coupal;

Last night a lengthy conference took place between Mr I.E. Hobbart, who stated he was direct from Washington and that he is an expert advisor, for the Small Business Com. also on the W.P.B. staff.

This conference was held in my office here, the corner of S.Hill and Sycamore; Mr Wm. Andrews foreman for Michault brought Hobbart and Mr Lincoln Stewart came in.

The plan as divulged by Hobbart is : That the Government has decided to loan Michault upwards of \$100,000. to build a new Asbestos Mill here near Globe, and the the Asbestos Fabricating firm of Newman, will loan or join with Michault in the enterprise to the extent of \$18,000. and that Newman will sell all the product of the Globe Asbestos mill, as he holds large orders for the a/c of the Government.

Both Stewart and self questioned Hobbart, as to who would do the fibre grading and set the price for the various grades; that is to be a prerogative of the Fellows running the proposed mill and as they would be under Newman, therefore Newman.

No financial arrangements are made to finance the Asbestos miner; he must look to the uncertain help which might be forth-coming from applications made to the R.F.C.

Now that all the Asbestos Mines of Arizona are stagnant, for two reasons; that during 1942 neither Newman or Johns Manville would buy either Kyles or Phillips fibre at any price and the price and terms offered other small Independents, were all at to low a price, plus the usual gripe of not well graded.

Just how Newman expects now to obtain a supply of mill rock from these stagnant mines, seems to be expressed by Hobbart this way;. If such men as Kyle and Phillips dont work their mines, and supply this new mill with mill rock, or fail to produce fibre from and thru their owns mills, and agree to sell it, at the price established by Newman or the price dictated by the O.P.A. based on the Asbestos you sold in 1942; they will have the Government confiscate their holdings, and work them thereafter for Federal a/c.

From the above, it looks like the Jews have us: much time was taken by Hobbart and Andrews knocking Kyle and his mill: I took issue with them on this, as Kyle has now and did thru the past few years, had to fight the Jews in the fibre business, or go down.

In Michault's application for loan. I see nothing

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine

Date

District

Engineer

Subject:

of a general practical good to the industry.

Certainly the first step needed is the development and production of Asbestos at such price as will allow miners to work ,with a fair show of paying back their loans, providing loans can be obtained.

Geo. Lingle will sell his mill and mine at a bargain price as he is tired of bucking the labor situation and price control below cost of production; neither Lingles mill or Kyle's are in operation, due to no mining of fibre.

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Will be in the office of Headquarters Phoenix, at the time you have designated.

At request of Gribble and Heron, I have today examined a small copper mine for them, situated about 2 miles south-west of the old Gibson. Reports will follow.

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DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine PINE TOP

Date December 10th, 1942

District McMillen, San Carlos Indian Res.

Engineer A. Macfarlane

Subject: Correspondence Relative to Finance

Department of Mineral Resources--Pursuant to your instructions I have made a short examination of the Pine Top Asbestos Mine and report as follows:

Location: The workings are about 1500 feet southerly from Salt River and up the escarpment approximately 800' higher than the south bank of the river; the Seneca Falls and canyon sweeps around the southwest foot of a table land or mesa the northerly rim of this mesa being the top of the cliff breaking precipitately to the river bank.

The store and cabins of Wilson are about 2½ miles southerly from the mine and highway #60 passing northeasterly in front of the store sweeps around the east limits of the claims.

Due to the absence of the Lesse or owner M. J. S. Michault I could not obtain data relative to time of lease or the number of claims; Mr. Wm. Andrews who worked on this mine for Mr. Michault was kind enough to accompany me to the property.

Present Development: On the easterly end of the cliff and in the upper strata of lime and serpentine three tunnels were driven on the Asbestos strata, the total length of these tunnels 200 lineal feet; the first one east now being the Powder house, exposes very little Asbestos; the second tunnel driven southerly meanders around and connects with the third tunnel and the strata between tunnel 2 and 3 is stoped out for the first 60'.

No. 2 tunnel heading about 110' south of the portal is on about 16" of harsh fiber bearing strata so also are the east and west sides of this tunnel, a considerable piece of the blanket is in this zone yet in place.

A new tunnel whose portal is less than 100' west of N. 3 was driven this year about 140' southerly, track laid and all in working order, no stoping has been done from the sides of this tunnel.

The Asbestos strata as developed thru the New Tunnel is from 9" to about 14" and for about 40' the strata was pinched to a seam to again thicken to 12" in the tunnel heading, also a floor strata of 4" thickness.

Discovery work was extended to the western continuity of the strata, during this year and at least six short tunnels and cropping stopes were made, two of these showing up to 14" of fiber bearing strata.

Past Production: Calculating approximately the cubic footage of stoped ground, and making measurements of the thickness of the asbestos bearing strata also the thickness of an average locking section of the fiber veins, I calculated that close to 200 tons of harsh fiber had been won from the stoped ground and the cropping.

The fiber as now exposed in the various faces is from 1/8" to 4" and the frequency of the veinlets within an average strata of 1.3' is close to 30% asbestos versus 70% combined serpentine and lime.

Assuming a cubic foot of the Gangue and fiber will weigh 125# (being 16 cubic feet in place to a ton) and advancing aheading 6' wide one foot and that the thickness of the strata is 1.3', we have 6 x 1.3' equals 7.8 cu. ft. x 125# is 975# of which 30% is asbestos of 4 different grade for each foot of heading advance.

In order to win a ton of mine run crude fiber it is required that an advance of a face 6' wide of nearly 7 lineal feet and considering all mining and direct other costs, the 1 ton of crude would require to net at least \$100.00 just to pay the direct operating costs.

Mr. Roger Kyle states that a few years ago he sold the cleaned harsh fiber of the Pine Top mine at \$250.00 per ton.

Present Tonnage Available: In the block of ground extending from the east side of the new tunnel to a point 25' east of the No. 2 tunnel I estimate there is approximately 500 tons of crude asbestos.

The above estimate does not include any of the ground westward of the New Tunnel and in the direction of the westward open cuts and short tunnels, as more work is required in that zone to establish the thickness and continuity of the fiber strata.

An expectancy of a much larger ore reserve is only fair, no distinct faults are in evidence and the strata cropping is extensive towards the west; the eastern extension would within 300' of No. 2 tunnel heading break thru to the surface facing a canyon skirting the eastern limits of the property, but an indefinite tonnage of ore may be opened up, by extending No. 2 tunnel easterly.

Structural Features and Geology: These features are typical of the asbestos neighboring mines and have been more ably covered by engineers from the University of Arizona, also Mr. J. S. Coupal, Director of the Mineral Resources Board has reported on a number of these mines and covered the above subjects fully.

All work on this mine has been conducted on the upper serpentine lime strata, except a cut started about 200' lower and north of the main workings, here a narrow blanket shows some soft fiber; there has not been sufficient development or stoping on this strata on which to base a statement. The showing justifies more openings.

A considerable thickness of diabase from just above the lower strata and extending upwards to form the sill under the main or upper strata, in fact all elements are conformable to the aforesaid geology.

Transportation: A stub road requiring some widening but now passable for a distance of about 1 mile connects with the paved highway #60, thence 39 miles to Globe.

A rate of \$3.00 per ton from mouth of the mine tunnels to Globe, I believe, will cover that cost.

Handling and Cleaning: The asbestos as mined and broken loose from the serpentine is done mostly by hand after blasting the vein or strata and the product is crude asbestos, and in view of the fact that all the different grades of product are marketable, it seems most logical that the milling of the fiber and grading os same, be done in Globe, where electric power is available and quicker repairs can be made.

There is no loss in trucking as nothing is thrown out as tailings.

Marketing: It is now most evident that an agency equipped to mill, grade, and buy the output from the many small producers should be established at Globe.

This Agency both to represent the many producers as well as the final purchasers, the Agency to be allowed a fair milling and handling commission for obtaining a steady market, and to cover fairly the interest on the capital invested.

Conclusion: The numerous properties spread over this area for 70 miles northerly from Globe, have now a large combined tonnage now visible and a much greater potential tonnage is certain; there may not be known at this time any one large producer or thick body of asbestos.

The former reports covering in part this field, speak of stratas from a few inches up to 4', this magnitude and size of structure means small tonnage at each opening, but as stated the many properties will yield a large composite tonnage, a sound basis for a marketing agency.

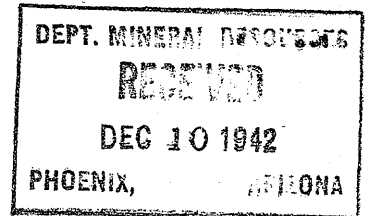
DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine ✓ Pine Top Asbestos
District San Carlos Reservation.
Subject:

Date Dec. 8th, 1942

Engineer A. Macfarlane

Mr J.S. Coupal
Director.



Dear Mr Coupal;

Today I drove up to the Pine Top asbestos property and arranged to commence an examination of same tomorrow as Mr Michault the owner is now in Forrest Hills, New Jersey, I had to find out who his foreman was and arrange with him to guide me over the ground.

I will probably spend 3 or 4 days in the vicinity of Pine Top, as there are other groups in that locality.

Have again talked with some of the Asbestos groups owners and they seem to be sold on the idea, that Metals Reserve should provide them a market by way of a stock pile, or at least handle the sale of their product thru such Fabricators as are now buying, in order to keep any large concern dealing in Asbestos, from blocking such sales, or offering such a low price as to render the small miners products without profit to them.

Only the Chrysotile Company (Johns Mandville) are shipping some Asbestos, all the independent operators are practically shut down.

The U.S. Bureau of Mines seems to be delayed in starting their sampling campaign, Mr Stewart the Project Engr. has a room in this Tonto Hotel, but has been in Tucson for the past ten days and today ordered his mail to be forwarded to Tucson until further advised.

If you have Broadgate work on the project of obtaining a market for this Arizona Asbestos, he should obtain a copy of ASBESTOS, published monthly By Secretarial Service 16th, Floor Inquirer Bldg. Phil. Pa. therein are the advertisements of many Fabricators and dealers, also the current prices of the various grades.

Very truly Yours.

A. Macfarlane

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Hotel Tonto, Globe Arizona.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

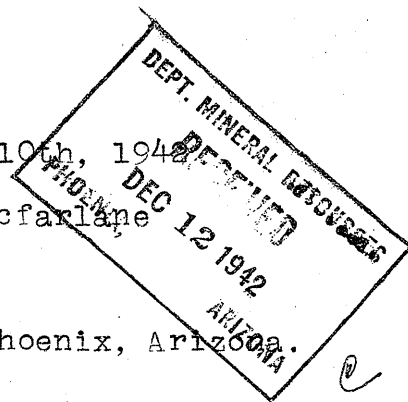
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STATE OF ARIZONA
MINE OWNER'S REPORT

Date August 21, 1942

- | | |
|--|---|
| <p>1. Mine Pinetop</p> <p>3. Mining District & County McMillien District, Gila County</p> <p>4. Former name Pinetop</p> <p>5. Owner San Carlos Indian Reservation</p> <p>7. Operator J. S. Michault</p> <p>9. Pres. (Owning)</p> <p>10. Gen. Mgr. J. S. Michault</p> <p>11. Mine Supt. William Andrews</p> <p>12. Mill Supt. None</p> <p>13. Men Employed 20</p> <p>18. Operations: Present Mining harsh asbestos, the entire production being shipped to Asbestos, Ltd., N.Y. Also developing the deposit of soft fiber.</p> <p>19. Operations: Planned Building a mill, and increasing production in order to take care of a rising demand. 50 tons of the different grades per day is the goal.</p> <p>20. Number Claims, Title, etc. 10 claims owned by the San Carlos Indian Reservation</p> <p>21. Description: Topography & Geography The mine is situated a few hundred feet off the highway 60 facing the so-called Horse Shoe on Salt River.</p> <p>22. Mine Workings: Amt. & Condition Two tunnels have been driven on the harsh deposit; and a new development is presently worked along a face about 1200 ft. long, 5 new tunnels being driven on that ledge. 300 feet below two tunnels are driven in the soft fiber deposit</p> | <p>2. Location 37 miles NE of Globe on Highway 60</p> <p>6. Address (Owner) San Carlos</p> <p>8. Address (Operator) Box 1574 Globe, Arizona</p> <p>9A. President, Operating Co. J. S. Michault</p> <p>14. Principal Minerals Asbestos</p> <p>15. Production Rate 2 to 7 tons daily</p> <p>16. Mill: Type & Cap. None</p> <p>17. Power: Amt. & Type None</p> |
|--|---|

23. Geology & Mineraliaation Limestone with diabase intrusions

24. Ore: Positive & Probable, Ore Dumps, Tailings

A survey has estimated the ore reserve at 400,000 tons, the showing is excelleant face on a face about 2000 feet long both on the upper ledge and on the lower.

25. Mine, Mill Equipment & Flow-Sheet

None

26. Road Conditions, Route

Highway, and about 1 3/4 miles of mining road in fair condition

27. Water Supply

Creek with excellent water about 300 feet below the tunnels

28. Brief History

This claim was discovered and located by an Indian, and has been worked on the surfacw from time to time by the Mining Development of San Carlos Indian Reservation until we took over in April, 1942.

29. Special Problems, Reports Filed

The problem is to raise enough capital to build a mill and extend the mining facilities so as to take care of a demand that we cannot meet with our present facilities but which exists beyond doubt. We are unable to stock any ores as we have a market as soon as we have a carload ready.

30. Remarks

31. If property for sale: Price, terms and address to negotiate.

32. Signature J. S. Michault

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
MINE OWNER'S REPORT

Date August 21, 1942

1. Mine Pinetop
2. Location 37 miles NE of Globe on Highway 60
3. Mining District & County McMillien District, Gila County
4. Former name Pinetop
5. Owner San Carlos Indian Reservation
6. Address (Owner) San Carlos
7. Operator J. S. Michault
8. Address (Operator) Box 1574 Globe, Arizona
9. Pres. (Owning)
- 9A President, Operating Co. J. S. Michault
10. Gen. Mgr. J. S. Michault
14. Principal Minerals Asbestos
11. Mine Supt. William Andrews
15. Production Rate 2 to 7 tons daily
12. Mill Supt. None
16. Mill: Type & Cap. None
13. Men Employed 20
17. Power: Amt. & Type None
18. Operations: Present Mining harsh asbestos, the entire production being shipped to Asbestos, Ltd., N.Y. Also developing the deposit of soft fiber.
19. Operations: Planned Building a mill, and increasing production in order to take care of a rising demand. 50 tons of the different grades per day is the goal.
20. Number Claims, Title, etc. 10 claims owned by the San Carlos Indian Reservation
21. Description: Topography & Geography The mine is situated a few hundred feet off the highway 60 facing the so-called Horse Shoe on Salt River.
22. Mine Workings: Amt. & Condition Two tunnels have been driven on the harsh deposit, and a new development is presently worked along a face about 1200 ft. long, 5 new tunnels being driven on that ledge. 300 feet below two tunnels are driven in the soft fiber deposit
23. Gen. Mgr. J. S. Michault
24. Principal Minerals
25. Mine Supt. William Andrews
26. Production Rate 2 to 7 tons daily
27. Mill Supt. None
28. Mill: Type & Cap. None
29. Men Employed 20
30. Power: Amt. & Type None
31. Operations: Present Mining harsh asbestos, the entire production being shipped to Asbestos, Ltd., N.Y. Also developing the deposit of soft fiber.
32. Operations: Planned Building a mill, and increasing production in order

1. Mining District & County: San Carlos Indian Reservation, Pinal County, Arizona
2. Location: 3 miles north of the San Carlos Indian Reservation, Pinal County, Arizona
3. Ownership: J. S. Michault
4. Area: 100 acres
5. Geology & Mineralization: Limestone with chert and iron pyrites. The mine is situated a few hundred feet above the San Carlos River.
6. Ore: Positive & Probable, Ore Dumps, Tailings
7. Mill: None
8. Power: None
9. Road Conditions: Highway, and about 1 3/4 miles of mining road in fair condition
10. Water Supply: Creek with excellent water about 300 feet below the tunnels
11. Brief History: This claim was discovered and located by an Indian, and has been worked on the surface from time to time by the Mining Development of San Carlos Indian Reservation until we took over in April, 1942.
12. Special Problems, Reports Filed: The problem is to raise enough capital to build a mill and extend the mining facilities so as to take care of a demand that we cannot meet with our present facilities but which exists beyond doubt. We are unable to stock any ores as we have a market as soon as we have a carload ready.
13. Remarks: None
14. If property for sale: Price, terms and address to negotiate.
15. Signature: J. S. Michault

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
MINE OWNER'S REPORT

Date August 21, 1942

1. Mine Pinetop
2. Location 37 miles NE of Globe on Highway 60
3. Mining District & County McMillien District, Gila County
4. Former name Pinetop
5. Owner San Carlos Indian Reservation
6. Address (Owner) San Carlos
7. Operator J. S. Michault
8. Address (Operator) Box 1574 Globe, Arizona
9. Pres. (Owning)
- 9A President, Operating Co. J. S. Michault
10. Gen. Mgr. J. S. Michault
14. Principal Minerals Asbestos
11. Mine Supt. William Andrews
15. Production Rate 2 to 7 tons daily
12. Mill Supt. None
16. Mill: Type & Cap. None
13. Men Employed 20
17. Power: Amt. & Type None
18. Operations: Present Mining harsh asbestos, the entire production being shipped to Asbestos, Ltd., N.Y. Also developing the deposit of soft fiber.
19. Operations: Planned Building a mill, and increasing production in order to take care of a rising demand. 50 tons of the different grades per day is the goal.
20. Number Claims, Title, etc. 10 claims owned by the San Carlos Indian Reservation
21. Description: Topography & Geography The mine is situated a few hundred feet off the highway 60 facing the so-called Horse Shoe on Salt River.
22. Mine Workings: Amt. & Condition Two tunnels have been driven on the harsh deposit; and a new development is presently worked along a face about 1200 ft. long, 5 new tunnels being driven on that ledge. 300 feet below two tunnels are driven in the soft fiber deposit

23. Geology & Mineraliaation Limestone with diabase intrusions

24. Ore: Positive & Probable, Ore Dumps, Tailings

A survey has estimated the ore reserve at 400,000 tons, the showing is exccelleant face on a face about 2000 feet long both on the upper ledge and on the lower.

25. Mine, Mill Equipment & Flow-Sheet

None

26. Road Conditions, Route

Highway, and about 1 3/4 miles of mining road in fair condition

27. Water Supply

Creek with excellent water about 300 feet below the tunnels

28. Brief History

This claim was discovered and located by an Indian, and has been worked on the surface from time to time by the Mining Development of San Carlos Indian Reservation until we took over in April, 1942.

29. Special Problems, Reports Filed

The problem is to raise enough capital to build a mill and extend the mining facilities so as to take care of a demand that we cannot meet with our present facilities but which exists beyond doubt. We are unable to stock any ores as we have a market as soon as we have a carload ready.

30. Remarks

31. If property for sale: Price, terms and address to negotiâto.

32. Signature J. S. Michault

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

MINE OWNER'S REPORT

Date August 21, 1942

1. Mine Pinetop
2. Location 37 miles NE of Globe on Highway 60
3. Mining District & County McMillien District, Gila County
4. Former name Pinetop
5. Owner San Carlos Indian Reservation
6. Address (Owner) San Carlos
7. Operator J. S. Michault
8. Address (Operator) Box 1574 Globe, Arizona
9. Pres. (Owning)
- 9A President, Operating Co. J. S. Michault
10. Gen. Mgr. J. S. Michault
14. Principal Minerals Asbestos
11. Mine Supt. William Andrews
15. Production Rate 2 to 7 tons daily
12. Mill Supt. None
16. Mill: Type & Cap. None
13. Men Employed 20
17. Power: Amt. & Type None
18. Operations: Present Mining harsh asbestos, the entire production being shipped to Asbestos, Ltd., N.Y. Also developing the deposit of soft fiber.
19. Operations: Planned Building a mill, and increasing production in order to take care of a rising demand. 50 tons of the different grades per day is the goal.
20. Number Claims, Title, etc. 10 claims owned by the San Carlos Indian Reservation
21. Description: Topography & Geography The mine is situated a few hundred feet off the highway 60 facing the so-called Horse Shoe on Salt River.
22. Mine Workings: Amt. & Condition Two tunnels have been driven on the harsh deposit, and a new development is presently worked along a face about 1200 ft. long, 5 new tunnels being driven on that ledge. 300 feet below two tunnels are driven in the soft fiber deposit

23. Geology & Mineralization Limestone with diabase intrusions

24. Ore: Positive & Probable, Ore Dumps, Tailings

A survey has estimated the ore reserve at 400,000 tons, the showing is excellent face on a face about 2000 feet long both on the upper ledge and on the lower.

25. Mine, Mill Equipment & Flow-Sheet

None

26. Road Conditions, Route

Highway, and about 1 3/4 miles of mining road in fair condition

27. Water Supply

Creek with excellent water about 300 feet below the tunnels

28. Brief History

This claim was discovered and located by an Indian, and has been worked on the surface from time to time by the Mining Development of San Carlos Indian Reservation until we took over in April, 1942.

29. Special Problems, Reports Filed

The problem is to raise enough capital to build a mill and extend the mining facilities so as to take care of a demand that we cannot meet with our present facilities but which exists beyond doubt. We are unable to stock any ores as we have a market as soon as we have a carload ready.

30. Remarks

31. If property for sale: Price, terms and address to negotiate.

32. Signature J. S. Michault

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DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
MINE OWNER'S REPORT

Date August 21, 1942

1. Mine P I N E T O P
2. Location 37 miles N-E of Globe on highway 60.
3. Mining District & County McMillien District
Gila County
4. Former name Pine Top
5. Owner San Carlos Indian Reservation
6. Address (Owner) San Carlos
7. Operator J.S. Michault
8. Address (Operator) P.O.B. 1574
Globe Arizona
9. President, Owning Co. ~~J.S. Michault~~
- 9A. President, Operating Co. J.S. Michault
10. Gen. Mgr. J.S. Michault
14. Principal Minerals Asbestos
11. Mine Supt. William Andrews
15. Production Rate 2 to 7 tons daily
12. Mill Supt. none
16. Mill: Type & Cap. none
13. Men Employed 20
17. Power: Amt. & Type none
18. Operations: Present
Mining Harsh Asbestos, the entire production being shipped to Asbestos Ltd., N.Y. - Also developing the deposit of soft fiber.
19. Operations: Planned Buiding a mill, and increasing production in order to take care of a rising demand. 50 tons of the different grades per day is the goal.
20. Number Claims, Title, etc. 10 claims owned by the San Carlos Indian Reservation
21. Description: Topography & Geography
The mine is situated a few hundred feet off the highway 60 facing the so called Horse Shoe on Salt River.
22. Mine Workings: Amt. & Condition
Two tunnels have been driven on the harsh deposit, and a new development is presently worked along a face about 1200 ft. long
5 new tunnels beins driven on that ledge.
300 ft. below two tunnel are ^(over) driven in the soft fiber deposit

23. Geology & Mineralization

limestone with diabase intrusions

24. Ore: Positive & Probable, Ore Dumps, Tailings

a survey has estimated the ore reserve at 400,000 tons, the showing is excellent face on a face about 2000 ft. long both on the upper ledge, and the lower.

24A. Dimensions and Value of Ore body

Some harsh fiber has been extracted 12" long - the ore body averages - 6 to 18 inches

25. Mine, Mill Equipment & Flow-Sheet

none

26. Road Conditions, Route

highway, and about 1 3/4 miles of mining road in fair condition

27. Water Supply

creak with excellent water about 300 ft. below the tunnels

28. Brief History

This claim were discovered and located by an indian, and have been worked on the surface from time to time by the Mining development of the San Carlos Indian Reservation until we took over in April 1942

29. Special Problems, Reports Filed

The problem is to raise enough capital to build a mill and extend the mining facilities so as to take care of a demand than we cannot meet with our present facilities but which exists beyond doubts.

30. Remarks We are unable to stock any ore as we have a market as soon as we have a carload ready.

31. If property for sale: Price, terms and address to negotiate.

32. Signature

33. Use additional sheets if necessary.

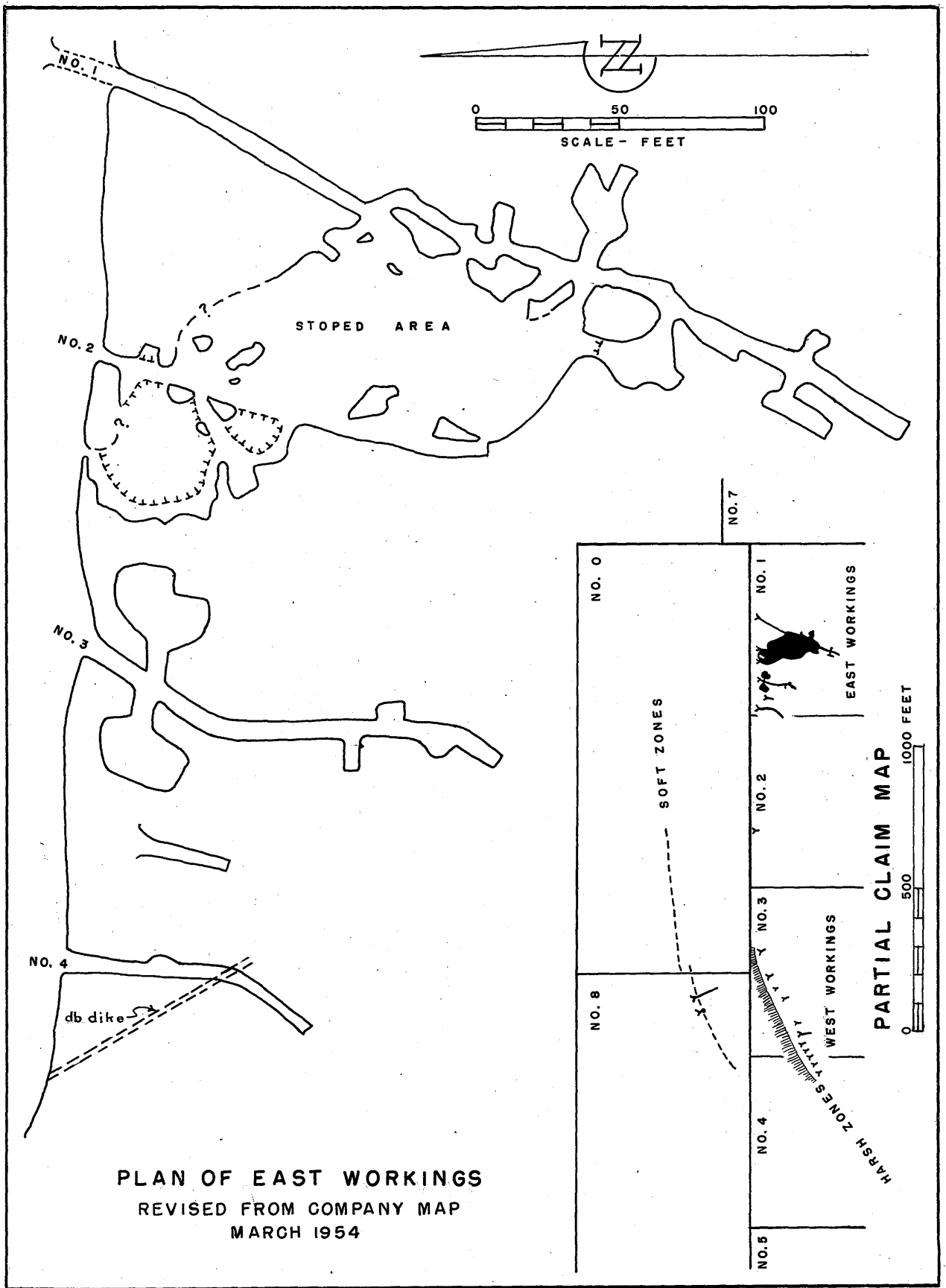


FIGURE 18. - PLAN - PINE TOP MINE