OR'S
- 1951
COLORADO

May 1, 1951

Honorable Clinton P. Anderson
344 Senate Office Building
Washington 25, D. C.

Subject: DMA-388
DMA-604

Dear ~~Mr. Anderson~~ Clint:

We have your letters of January 29, and March 18, in regard to the applications of Mr. Bohrnstedt.

Application of the Cooperative Mines docketed as DMA-388 is being referred to the Field Team, Region IV for examination, having been delayed pending formulation of a pegmatite program.

Application of the American Fluorspar Group Inc., docketed as DMA-604 is considered withdrawn in compliance with request of Mr. J. H. East, Region Director at Denver, Colorado, in a letter dated March 21, 1951 which states "You will note that he has been unable to have his land withdrawn from the bombing range and that his application may be considered as withdrawn."

Exploration participation forms are being mailed to Mr. Bohrnstedt in response to his later inquiry of April 4, 1951.

Sincerely,
JAMES BOYD

Administrator

JAB:sgl

cc: Administrator's Reading
Mr. Douglas
Mr. Strobel
Mr. Barr
2 - Field Team, Region IV
FILES

April 20, 1951

Memorandum

To: Mr. Landon Strobel, Executive Secretary, DMA

From: Field Team, DMA, Region IV

Subject: DMA Docket 604 - American Fluorspar Group, Inc., LaMadera, New Mexico.

Herewith is a letter from Mr. A. C. Bohrnstedt containing additional information regarding the above application. You may want to consider this information along with the other submitted at an earlier date.

J. H. East, Jr.

Enclosure 1

PTAllsman:ftm

Carbon copy
DMA File
Allsman File
Chron. File

Received Bohrnstedt's letter for files
No copy of

ining Division
egion IV

REGIONAL DIRECTOR'S
OFFICE
REGION IV
APR 20 1951
BUREAU OF MINES
DENVER, COLORADO

April 19, 1951

604

Mr. A. C. Bohrnstedt, President
The Cooperative Mines, Inc.
LaMadera, New Mexico

Dear Mr. Bohrnstedt:

Your letter of April 14, 1951, concerning your application for Government assistance under DMA Docket No. 604, has been referred to me for reply, since Mr. East is absent from the office.

We are sending a copy of your letter to the DMA in Washington, D. C. for their consideration, as it seems best that they review it along with the other information you submitted earlier.

We have been advised that no further forms need be submitted in connection with applications that were presented earlier.

Very truly yours,

Paul T. Allsman
Chief, Mining Division

PTA:ftm

DMA File
Allsman File
Chron. File

JNE

The Cooperative Mines, Inc.,

La Madera, New Mexico.

April 14, 1951

REGIONAL DIRECTOR'S OFFICE REGION IV
APR 16 1951
BUREAU OF MINES DENVER, COLORADO

Mr. J. H. East, Regional Director,
Bureau of Mines,
Department of the Interior,
224 New Customhouse,
Denver 2, Colorado.

In re: Application filed January 3, 1951

Dear Mr. East:

We have just received a Bulletin from the Secretary of our New Mexico Miners and Prospectors Association relative to the allotment of $10,000,000 made available by the Defense Production Administration, for "assistance to the mining industry in seeking new ore reserves as authorized by the Defense Production Act, 1950."

We do not want to disturb our application as filed, unless you think that it is wise to do so, because that was well planned and fits our needs, and we think, fits into the Defense program admirably. However, two things in our Secretary's Bulletin, made me feel that I should write to you, because time is passing - going onto four months already, and we are ready and anxious to get going. Those two things were, the following:

"Government contribution, 90 %, for asbestos (spinning grade), beryl, cobalt, columbium-tantalum, corundum, cryolite, industrial diamonds, kyanite (strategic), mica(strategic, monazite and rare earth ores, nickel, platinum group metals, quartz crystals (piezo-electric) talc (seatite) , and tin."

Our main production is of course, mica, but along with it, there will be some of the minerals underscored, except cobalt. That was a mistake.

And much of the first work in the mines will be cleaning, exploring and uncovering, the ore that we know is there. If our whole program is allowed as outlined, we can easily pay our 10% out of the proceeds of sale of the mined mica already in the dumps. And, too, we absolutely know, that the Plant will stimulate production, and make production possible for several small mines in the district, so that much more than our own mines, will be benefitted, because it is our purpose and desire, to assist in the whole Defense Minerals program, and to build up our district.

You will know whether it is best to advise Washington of this letter, because you are familiar with the program. I am enclosing an extra copy, should you wish to do so.

Sincerely yours,

A. C. Bohrnstedt,
President

S. Item 2, was:
"Applications that have been
prior to the issuance of this
tion will be treated as though
were on the prescribed form.
A.C.B.

REGIONAL DIRECTOR'S OFFICE
REGION IV
APR 9 - 1951
BUREAU OF MINES
DENVER, COLORADO

(A COPY)

UNITED STATES

DEPARTMENT OF THE INTERIOR

Defense Minerals Administration

Washington 25, D.C.

DMA file attachg

March 30, 1951

Mr. A. C. Bohrnstedt, President,
The American Fluorspar Group, Inc.,
La Madera, New Mexico.

Dear Mr. Bohrnstedt:

Your application DMA-604, requesting a loan for the development of your fluorspar deposits, was carefully considered and under the law it is necessary, to obtain a loan of the kind you requested, to have enough ore reserves in sight to indicate that the loan will be repaid.

We now have a program for exploration, and I am sending you a press release regarding exploration loans. It may be that your application for an exploration loan could be acted upon favorably, and I advise you to make an application for such a loan, which is an entirely different proposition than the loan you originally requested .

Very truly yours,

(Signed) Tom Lyon, Director
Supply Division.

Enclosure.

gtt

The American Fluorspar Group, Inc.

La Madera, New Mexico

April fourth, 1951.

Mr. Tom Lyon, Director,
Supply Division,
Defense Minerals Administration,
Washington 25, D.C.

Dear Mr. Lyon: In Re: application DMA-604

Your thoughtfulness and courtesy, as shown by your letter of March 30, 1951, is deeply appreciated, I assure you

I have read carefully the enclosure regarding "a program for exploration ", and agree that it is more what we had in mind when we filed our application, than the program for which our application was considered.

I have been rereading our application and I see that it was deficient in that I did not set out that there are large quantities of barite in sight - enough to repay the modest sum of $30,000.00 that we asked for many times over. However, I agree that of Fluorite - the almost #1 strategic material of the war, that there probably is not enough in sight, or blocked out to repay the loan, and that too, is the main reason that we did not ask for money for separation machinery, or anything of that kind, because we ourselves want to know first, the extent of the deposit, as far as is possible. We have no doubt, but that in the plan outlined in our application, a large deposit will be proven.

We therefore agree, that your suggestion is the better one.

In rereading our application, I do not see where there could be any material changes of any valuemade if we were to rewrite it, therefore could not it just be transfered to the department you mention, and reconsidered there? Possibly the supporting letters sent to you, could also go with it. Possibly the samples of ore sent in even before the filing of the application, has not reached you, so under separate cover, I will send you a small sample of it, which will be representative of all of the fluorite so far uncovered.

If approval is given, it undoubtedly will be necessary for your Department to intercede with the War Department, to allow us to do the work, under a Co-user Agreement, which would be very satisfactory to us. We sincerely believe that it will be in the interest of the whole Defense effort, and we will gladly agree to any reasonable restrictions imposed, and assume our own risks of getting hurt or killed. Our soldiers are running those risks every day - why not we?

And it should not take more than this year to do the work, if it can be gotten at without undue delay.

Yours very truly,
The American Fluorspar Group, Inc.

A. C. Bornstedt

A. C. Bornstedt, President

CC to -

Mr. J. H. East, Jr.,
Regional Director,
Bureau of Mines,
Denver 2, Colorado.

Leonn

REGIONAL DIRECTOR'S
OFFICE
REGION IV
APR 4 - 1951
BUREAU OF MINES
DENVER, COLORADO

March 30, 1951

Mr. A. C. Bohrnstedt, President
The American Fluorspar Group, Inc.
La Madera, New Mexico

Dear Mr. Bohrnstedt:

Your application DMA-604, requesting a loan for the development of your fluorspar deposits, was carefully considered and under the law it is necessary, to obtain a loan of the kind you requested, to have enough ore reserves in sight to indicate that the loan will be repaid.

We now have a program for exploration, and I am sending you a press release regarding exploration loans. It may be that your application for an exploration loan could be acted upon favorably, and I advise you to make an application for such a loan, which is an entirely different proposition than the loan you originally requested.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

Enclosure

TLyon/cd

cc: Administrator
Deputy Administrator
Executive Secretary
Exec. Officer, Field Team, Region IV
Mr. Lyon
Files

March 21, 1951

Mr. A. C. Bohrnstedt
President
The American Fluorspar Group, Inc.
La Madera, New Mexico

Dear Mr. Bohrnstedt:

This will acknowledge your two letters, dated March 15 and 16, in which it is noted that you have not been successful in your efforts to have your land withdrawn from the bombing range.

We are very sorry that nothing could be done to assist you and we are sending a copy of your letter to Washington for their information.

Sincerely yours,

J. H. East, Jr.

J. H. East, Jr.
Regional Director

JHE/cl

cc-DMA files
cc Koschmann
Washington office

March 21, 1951

Dr. James Boyd
Administrator
Defense Minerals Administration
Interior Building
Washington 25, D. C.

Dear Doctor Boyd:

We are attaching a copy of a letter received from Mr. A. C. Bohrnstedt, President of the American Fluorspar Company, La Madera, New Mexico. You will note that he has been unable to have his land withdrawn from the bombing range and that his application may be considered as withdrawn.

Very truly yours,

J. H. East, Jr.
Regional Director

Enclosures

JHE/cl
cc-DMA files
Koschmann

La Madera, N.M., March 16, 1951

REGIONAL DIRECTOR'S
OFFICE
REGION IV
MAR 19 1951
BUREAU OF MINES
DENVER, COLORADO

Mr. J. H. East, Regional Director,
Bureau of Mines,
Department of the Interior,
224 New Customhouse,
Denver 2, Colorado.

Dear Mr. East:

Enclosed you will please find copy of letter just received from Mr. H. K. Shadel, Chief, Real Estate Division, Corps of Engineers, U.S.Army, Albuquerque District.

We had hoped that in what we have in that district, more fully described in our application for Assistance dated January 3, 1951, that we could make a real contribution to the Defense buildup, but under the conditions set forth in Mr. Shadel's letter, I do not see as there is any use for us to fight the issue further. If that be the conclusion of your Department also, our application may be considered as withdrawn, at least until/ and when/ something new develops thereon.

The courteous and friendly consideration by you and your department is, and has been, appreciated I assure you.

Sincerely yours,

The American Fluorspar Group, Inc.

A. C. Bohrnstedt

A. C. Bohrnstedt, President

JME

(A C O P Y)

CORPS OF ENGINEERS, U. S. ARMY
Office of the District Engineer
ALBUQUERQUE DISTRICT
P.O.Box 1538
Albuquerque, New Mexico

Refer to file SWKRE

14 March 1951

Subject: White Sands Proving Ground, New Mexico, Ordcit Project, Tract OM-76

To: Mr. A. C. Bohrnstedt,
La Madera, New Mexico.

Dear Mr. Bohrnstedt:

Receipt is acknowledged of your letter dated 25 February 1951, which has received careful study and consideration by this District.

Your problems as outlined in this letter are fully recognized and understood by the Albuquerque District. You understand, however, that present activity toward acquisition of these properties has been long delayed pending the availability of a basis sufficiently adequate for consummation of a real estate transaction. Identification of valid unpatented mining claims was only recently furnished the Albuquerque District by the administration agency. The far reaching issues of your letter, as such involves you and all other property owners in the project, received serious and exhaustive consideration on numerous prior occasions, as partially identified to you in letter of 16 February 1951. The position of the military establishment based on such meetings, conferences and public hearings has since been clearly expressed in terms of minimum land requirements. With that concluded, there remains to be completed by the Albuquerque District only the individual transactions with the respective owners of various interests in the area.

Public land in this project has now been withdrawn and set aside for military use. Appraisals of all valid claims are being completed as fast as time permits. It is understood that you have contested the decision of the Bureau of Land Management to invalidate three of your claims. Should these later be validated, they will also be appraised and an offer submitted to you consistent with such valuation.

FOR THE DISTRICT ENGINEER:

Sincerely yours,

(Signed) H. K. Shadel,
Chief, Real Estate Division.

La Madera, N.M., March 15, 1951

REGIONAL DIRECTOR'S
OFFICE
REGION IV
MAR 19 1951
BUREAU OF MINES
DENVER, COLORADO

Mr. J. H. East, Jr.,
Regional Director,
Bureau of Mines,
Department of the Interior,
224 New Customhouse,
Denver 2, Colorado.

Dear Mr. East:

Yesterday I was up near our Mica mines properties and found that there is practically no snow in the mountains, so inspections of our properties may now be made at any time. There may be another snow flurry or two, but none to hinder inspections, and what may come will go within a few hours.

I am hoping that something may be done to speed up action at Washington. We are very anxious to get going so that we may be in full operation early in the year, and have plans made so that snow, or no snow, we can operate during the winter. I know that you people are doing all that you can at your end of the line.

Sincerely yours,

A. C. Bohrnstedt, President,
The Cooperative Mines, Inc.

March 7, 1951

Mr. A. C. Bohrnstedt, President
The American Fluorspar Group, Inc.
La Madera, New Mexico

Dear Mr. Bohrnstedt:

This will acknowledge your letter, dated February 26, which was received in my office March 1, with attached correspondence.

We have not heard from your application for government assistance and your letter is being filed with correspondence relating to your application.

Sincerely yours,

J. H. East, Jr.

J. H. East, Jr.
Regional Director

JHe/cl

cc-Dma files

PRESIDENT
THE COOPERATIVE MINES, INC.
LA MADERA, NEW MEXICO

THE AMERICAN FLUORSPAR GROUP, INC.
HOT SPRINGS, NEW MEXICO

A. C. BOHRNSTEDT
MINES---MINERALS

La Madera, N.M.
February 26, 1951

REGIONAL EXECUTIVE
OFFICE
MAR 1 1951
DENVER, COLORADO

Mr. J. H. East, Jr.,
Regional Administrator,
U.S.Department of the Interior,
224 New Customhouse,
Denver, Colorado.

Dear Mr. East:

Since seeing you in Albuquerque, we have had another snow up in the mountains. We were up to some of the properties Saturday, but they were under approximately 6" of snow. However a couple weeks of thawing weather, will remove it.

Mr. Joseph V. Slavick of Albuquerque, whom you met there, is negotiating for the lease or purchase of all of our properties in the close vacinity of Petaca, and are included in "Step 3" of our application, but nothing is included to interfere with Steps 1 and two, now will there be, and of course, until he and his associates come through with some money, there will not be anything to interfere with "Step 3." In our opinion, there are ample properties in it to also support a mill of their own. Our three properties shown in "Step 2", will as stated by Engineer John Wood, easily support our proposed mill in Step one. Several other properties will be accessible to it also.

I consider Mr. Slavick a sincere, capable man. He told me Saturday that they expected to apply for a loan also, so I thought that I should tell you, so that you will know that it does not interfere with our main plans in the least.

Yours very truly,

The Cooperative Mines, Inc.

A. C. Bohrnstedt

A. C. Bohrnstedt, President

PRESIDENT
THE COOPERATIVE MINES, INC.
LA MADERA, NEW MEXICO

THE AMERICAN FLUORSPAR GROUP, INC.
HOT SPRINGS, NEW MEXICO

A. C. BOHRNSTEDT
MINES---MINERALS

La Madera, N.M.
February 24, 1951

Mr. J. H. East, Jr.,
Regional Administrator,
U. S. Department of the Interior,
Bureau of Land Management,
224 New Customhouse,
Denver, Colorado.

Dear Mr. East:

In order to keep you in touch with developments to date with the The American Fluorspar Group, Inc., properties, I am enclosing copy of letter just being sent to Mr. H. K. Shadel, Chief of the Real Estate Division, Corps of Engineer's, U.S.Army.

In a second letter upon the matter, Mr. Shadel said that his definate instructions were, to take over everything in that area. However, in the Defense and Public interest, I think that the new investigations, and appraisals, should include a real investigation, much different than the Army has been doing heretofore. The ranch in which our claims are located was still in operation less than 30 days ago. As soon as there are any new developments, I will let you know.

Yours very truly,

The American Fluorspar Group, Inc.

A. C. Bohrnstedt

A. C. Bohrnstedt, President.

The American Fluorspar Group, Inc.

Albuquerque, N.M., February 25, 1951

Mr. H. E. Chandler, Chief,
Real Estate Division,
Corps of Engineers, U. S. Army,
Office of the District Engineer,
Albuquerque District,
P.O. Box 1538, Albuquerque, N.M.

File No. 6KAB

Dear Mr. Chandler:

Subject: Acquisition of Mining Claims,
Tract No-78 - Cerrosit Project

Acknowledgement is made of your letter of the 16th. Your full explanation and position in the matter is appreciated, I assure you. During the last few days I have gone through all of the correspondence between ourselves and your office, as well as with the Commanding Officer's office, following the meeting of which you speak, as having been held at Las Cruces. I do not have the least doubt of your own sincerity or wanting to be fair in the entire matter, therefore what I am about to say, will I most sincerely hope, be as one earnest citizen of this wonderful country to another, believing that only by frankness, can our problems be solved. And no less a man and authority, than our own President, Harry A. Truman, said at a breakfast this week - "This country faces the greatest emergency now that it has ever faced in its history", so as I see it, there can be no "owners idea" or arbitrary position, neither can there be any "Army idea" , or arbitrary position, nor can there be any political, or bureaucratic, idea or arbitrary position. We have all got to be in the first and primary analysis, God fearing, patriotic American citizens, having only the well being of our own people, and all of the peoples of the world, best interests at heart.

Nearly 100 years ago my father, a poor, emigrant boy from Germany came to this country, thrilled with the idea of its liberty over his own native country. One of his first acts shortly after coming here, was to volunteer his services, and his life if need be, in the civil war that was then threatening the country he loved - the country of his adoption, by choice. By that act, he was partially disabled for life, but his four boys had love of liberty and of country, born and bred into them. Come a fourth of July celebration, or a Memorial day service, work ceased on the farm - we boys had to go, and during the services, we had to give strict attention to these, so as the only representative living to carry on, I say to you, that I am sure that I as a 50% "owner", as well as the representative of the rest of the owners of The American Fluorspar Group, Inc., if convinced of the need therefore, our country needs the properties under consideration, it can have them as a free gift, but under no consideration, will I, or they, accept a "brush off" , such as we had with the Rickaruite, and according to their stories, many another "owner" had.

Last week at the Miners Convention in Albuquerque, I was talking with a man more intimately acquainted with that property, and at least the surrounding country, and whose picture was in the Albuquerque Journal, upon the front page, as having lived there 50 years, said to me out of a clear sky -"the Government did not buy the properties - it practically stole them." That was stronger than I put it to you, when I said that"the appraisals of the mining properties were upon a basis that they were practically confiscation."

I was at the Las Cruces meeting. I cannot find that I was ever notified of the meeting of 15 February, 1949 held with the miners. The only definate things that I remember is that I was informed by the Commanding Officer, that "probably some form of Co-user would be worked out for the miners, as with the farmers, ranchers and stock men, and would be if possible." I was also told in some one of the Government offices, that "if you are north of Highway 70, you are O.K., because that will be kept open upon a Co-user basis." However, be that as it may, if the Government has need of our property, worse than it needs what is in the property, which I honestly doubt, I will not be an obstructionist, but for the record, and as an American citizen who loves his country, I am going to have my say upon those arbitrary practices. Before going into the record upon that matter, I will say as one who made nearly 500 hundred appraisals for the Government during World War 1, without in so far as I know, the loss of a single dollar to the Government, or criticism of a single appraisal, by either the Government, or of the Owners, I would hang my head in shame, if I had been an appraiser or one who had had any part in , bringing about a situation such as caused that Las Cruces meeting. I cannot speak for the other owners, but in-asmuch as you may not be familiar with the record in our case, I will give it to you.

Mr. Walters, the man whom I understand appraised the Rickardite for the Army, came to see me at Hot Springs, once. There was a younger man with him, whom I think I met once in the County recorders office of Dona Ana County, while both of us were looking up records. As I remember it, all Mr. Walters and he asked, was how to find our properties, and what we had in the way of properties in that area. Later I was told that he had been upon the property for a short while, and that he was the appraiser. He did not ask, as is customary practice with all appraisers whom I have ever met in more than 50 years of appraisal work for banks, loan agencies, individuals, and the Government itsself, for the owner, or representative of the owners, to go with him to show him the property. You will undoubtedly remember, or your assistant will, that I called at your office to find out what the basis was, or more particularly, what the rental was to be. You did not know. Later - sometime in 1948, I did find out in the United States Attorney's office, that the annual rental which they had on hand, which had accumulated, was "a little less than $50.00 annually". (Through a technicality, we yet do not have even that money, altho every time we have gone into the United States Attorneys office, we have been promised by the Assistiant United States Attorney that, "we will bring an action very soon to clean that matter up" That promise has been going on now for three years or more.)

"L E S S T H A N $ 5 0.00 A N N U A L R E N T A L". Please keep that in mind Mr. Shadel, as you read the following:

1. After consulting with a man whom the President of the Mines School of Mines, at ElPaso, advised us as being "one of the most honest and conservative of technicians in laboratory and mines work", we offered and agreed to pay $10,000.00 for that property.

2. During World War 1, that mine had contributed to the War effort.

3. After World War 1, prices of lead and zinc went down, and for 20 years dirt, refuse and water, filled the end of the lower shaft, where a rich ore vein was said to be, by this "honest man" and others. We asked for and got, a $5,000.00 RFC loan, after the property had been examined and appraised by two different Government Engineer's.

4. The lower shaft was cleaned - all of the $5,000.00 had to be used. The ore vein was found - it assayed under several samplings by others, as well as ourselves, an average of -

Silver	-	0.88 ozs.
Lead	-	12.85%
Zinc	- -	27.55%

From the old dump left at the middle shaft, I shipped a 34 ton car load of ore, which run -

Lead	-	18.6%
Zinc	- -	23.0%

5. Since that time, the Herrings, lower down upon the very same vein of ore, had shipped from it many car loads of high grade lead and zinc ore, and within the last few months, I was told at the Miner's Convention, had had shipped from it by the last lease owner (Or possibly he is owner) 250,000, approximately, of high grade ore. And that Mr. Shadel, is high grade, strategic ore - ore without which the army cannot make war. I could have taken Mr. Walters to one small vein, or outcropping, which in the Rickardite formation, as well as the adjoining Hill top mine, run into large pockets of car loads or more, which assayed over 50%.

Now then Mr. Shadel, even though I am an owner and the representative of owners, who thank God for them, pay willingly most of the ~~////~~ cost of Government, including the army, ask you before God, if you were in my shoes, would you consider it an "appraisal", or "confiscation" that we got?

Take into consideration, without considering the purchase price, this little example -

Government interest charge - first 6% upon $5,000.00, then later during the last year's 4%, upon a loan fully appraised and approved by Government Engineer's -	$200.00
Interest, or compensation, if/and/when/ paid by the same Government, upon an appraisal made by an Army picked Engineer - minus -	50.00
Annual loss without considering Capital investment - -	$150.00

It is pertinent, and in the Government interest [illegible]

~~from our~~ own particular problem, to the Public interest, briefly.

Congress in September, recognizing the need for strategic minerals production in this country, the stockpiling thereof, the primary location thereof and the extent thereof, that the army, the ~~air~~ navy, the air force and the whole industrial fabric, that any future war, which now threatens the country, may be won, passed a law, to stimulate the production thereof. The miners of this country, irrespective of any financial profit to themselves, are willing and anxious to do their part. Prospectors, as of old, are willing to go out and comb the hills and mountains for just a grub stake - principally only money for "sow-belly and beans." Yet what is the situation? Five months have passed, and instead of coordination and cooperation backing up the Defense Minerals organization, there is confusion, jealousy, and in some instances, actual blocking, of the splendid work that Director Boyd and his organization, is trying to do. And it is said, and with the say so of some of our Senators in the press, that that is true. The Army, is one of ten or more, that is said to want to do much of the dictating. Its the old story of "Billy Mitchell" over again. It does not want to give credit to, or consider those who want to help produce the materials without which they could not wage a war, or get their jet planes or guided missils off of the ground, as patriotic or earnest in the public duty, as they themselves are.

At the Miners convention in Albuquerque, and according to all reports at the one in Colorado, it was one much of frustration, because so much time had elapsed and not a "grub stake" reported in either convention, and not an incentive loan yet made. The officers in charge are fine men - men who know their business, yet there was an undercurrent of discouragement, by the red tape and incompetency, as well as real blocking in Washington, and that WAS NOT BEING DONE BY "OWNERS", or owners viewpoints. The Army cannot absolve itself from its lack of cooperative effort. I was in every session of the meeting at Albuquerque. Representatives of practically every profession or interest, were there at one time or another, to give encouragement to this primary, and yet most hazardous occupation outside of war itself, personal, yet in-so-far as I saw - two occupations - two of the many that depend most upon minerals productions for their success and stability, were conspicuous by their absence of even a call - the Army and the Bankers.

Now then, finally, our own case. I will soon be 74 years old - I am getting towards the end of the line - I would like nothing better than to finish my life doing something to contribute to the welfare of my country, which my father loved so much, and served so faithfully, both as a soldier and as a civilian. One of the World's greatest Engineer's and Geologists, who is sent all over the world hunting and discovering minerals by his principals, said as he sat looking at the ore exposure upon American Hill - "in all of my travels, I have never seen anything like this." His assistant, who looks after one of his principal's fluorspar mines in this state, said the same thing. The parting advice of both was - "Block out the ore at this point, then at other places over the area, core drill." "You will never know the extent of the ore body without doing so. The great Geologist, speaking principally from his heart and soul as a Geologist and mineral lover, said further - "This is too rare and beautiful to dynamite, or develop as a commercial product, This should be developed first for the lovers of the beautiful in minerals, then when you are doing that, pile up the commercial, because that can be processed and sold at any time." He was from the industrial east.

An Eastern Corporation - a Nation wide organization with a branch and subsidiary in the west, sent out both an engineer and a Geologist. The Geologist has uncovered and located for his superiors, great deposits. He said - you cannot tell the extent of these deposits without core drilling", and carefully, he explained to me where he would core drill should his company send him out to do it.

Our own State Bureau of Mines and Mineral Resources, sent an Engineer and a Geologist, who if I remember rightly, spent two days upon the premises. Their written report advised the same thing, with the additional thought - "the formation is such that we feel that core drilling may uncover a very large body of galena." Later, personally, they told me how we should proceed with geophysic equipment in order to find the best possible locations for core drilling.

An Engineer whom we employed, and others, have recommended the blocking and core drilling also. In other words, Mr. Shadel, we have a deposit - no one - not even an army engineer or geologist, can tell how big, or how little it is. The one certain thing is, THAT NOWHERE UPON THIS CONTINENT, OR ANY OTHER, has there been found a higer test Fluorspar than ours. We did not ask the Defense Minerals Organization for money to operate a mine at this stage of the game - we only asked a minimum, modest sum, with which to find out the extent of what we have. Our Government during World War II, spent nearly a year trying to find out in the same way the extent of a low grade manganese deposit, at its own expense. Is it not just as much in the

Public interest, and the Defense interest, that high test, strategic Fluorite, without which there would not be any stratospheric, jet planes or missile, be fouxdand made known?

A N D

in the interest of fair play, inwhich I know for a certainty that you are a believer, how can you or your engineer's, be fair either to your Government , which you claim to represent, or to my stockholders, to whom you claim you want also to be fair, if the extent ofthe deposit, which we have only asked to be made known, in the Public interest as well as our own, is not made known?

In this day and age, great Corporations with millions at their disposal, do not invest in minerals upon the say so of Engineer's only, nor do great Engineer's any more take the responsibility of saying what a deposit is, unless they are also Geologists, Geologists are engaged by them and their advice taken. Can the Army, representing the United States and its people, do less and be fair?

Henry Ford built a great industry, which had and still is, serving its country welll because he could back up nearly as fast as go ahead. His first autos, to his chagrin, would run forward, but had no reverse gear - it would not back up. He changed it and became a great man - a great industrialist. Any man, or any organization, without a reverse gear - a back up at times, is just as useless as Henry Ford's first car.

I am sticking "my neck out" in this instance, because have two - possibly more, strategic minerals - Fluorspar and mica, with some tantalite, tantalum, columbian and monazite, which I would like my Government have, in this, according to our President, "its time of greatest need". In that spirit, and in that interest, may we be a co-worker with the Army of the United States, in supplying it?

Sincerely yours,

The American Fluorspar Group, Inc.
The Cooperative Mines, Inc.

A. C. Bourstedt, President.

CC to -

Mr. H. R. Smith,
Regional Administrator,
U.S.Dept. of the Interior,
Bureau of Land Management,
P.O.Box 1695,
Albuquerque, New Mexico.

Mr. J. H. East, Jr.,
Regional Director,
U. S. Department of the Interior,
224 New Customhouse,
Denver, Colorado.

P.S.

I notice that I have overlooked the possible large Copper deposit in the same district as the Fluorite, which only core drilling will determine whether there and the extent of it. The papers almost daily quote the shortage of copper.

A.C.B.

(A COPY)

UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
Washington 25, D. C.

March 5, 1951

Re: Docket DMA-604

The American Fluorspar Group, Inc.,
La Madera, N.M.

Attention: Mr. A. C. Bohrstedt
President

Gentlemen:

Your request for assistance, under the Defense Production Act of 1950, has been reviewed by the Nonmetals Commodity Committee of the Defense Minerals Administration.

Projects approved by the Defense Minerals Administration must, in its judgement, show definte promise of yielding material of acceptable grade, physical character, and specifications in amounts that will significantly improve the mineral supply position for national defense. The data submitted on your property have been reviewed by members of our committee dealing with fluorspar, who agree that your application is not supported by evidence that there are substantial reserves of material of acceptable grade on your property.

Under these circumstances, we do not believe that financing a project of the type that you propose would be a justifiable expenditure of public funds. If additional information becomes available, we would be glad to have you resubmit the project for our consideration.

Sincerely yours,

(Signed) Tom Lyon

Director, Supply Division.

The American Fluorspar Group, Inc.,

La Madera, N. M.

March 26, 1951

Attn: Mr. Tom Lyon,
Director, Supply Division.

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

Re: Docket DMA - 604.

Gentlemen:

Your letter of the 5th with reference to the above matter received.

A few days before receiving it we had already advised Mr. J. H. East, Jr., Regional Director, Denver, Colorado, that it might be best to hold the application in abeyance, because on account of the properties being just within the White Sands Proving Grounds area, the War Department is demanding exclusive use of those claims certified to it by the Department of Land Management, Department of the Interior. We were promised, along with other miners and ranchers, co-user privileges, which promises now seem to be absolutely ignored.

Your letter, however, raises a question which is very much in the minds of miners and prospectors, as was evidenced by the discussions in the recent meeting of the miners and prospectors in Albuquerque, and we were informed, in Denver.

Your letter states as follows:

"The data submitted on your property have been reviewed by members of our committee dealing with fluorspar, who agree that your application is not supported by evidence that there are substantial reserves of material of acceptable grade on your property."

We gave the grade as running from 96.16 to 97.70 and 99.60% pure. Just where in the United States, or the world, is there a mine or mine that averages as good or better than an average of 97.82% pure?

The Miners and Prospectors of this country, and the Senators and Congressmen who represent them in-so-far as we have been advised, considered that the Act passed by Congress in September, 1950, was primarily for the purpose of an expansion, exploration and development program, to the end that sufficient mineral reserves could be explored, development, mined and stockpiled. Under that understanding, we filed our application for a very modest sum in order to explore over two miles of ore veins, much of which are covered by an overburden. Of course, if that exploration proved the reserves and type of minerals that we and others think there are there, then we would ask for further funds, but not until them. And at the same time, with the same equipment, at small expense, explore the cooper claim, which certainly shows fine promise.

I am enclosing a copy of letter written to Mr. H. M. Shadel, Chief, Real Estate Division, Corps of Engineers, U.S.Army, Albuquerque District, Albuquerque, N.M., which gives a summary of the reasons why we think it is important to the Army and our Government, that our reserves be made known. Jet propelled missils or air planes, cannot get off the ground without the kind of material that we have in our fluorite properties. We are willing to submit our properties for examination and analysis of the materials , by competent Engineers and Geologists. And while we do not object to our Government making investigations for reserves and loaning for production, in Africa, or anywhere's else in the world, we do think, that as Congress intended, we should set our own house in order first.

Thank you very much for the consideration given us.

Sincerely yours,

The American Fluorspar Group, Inc.

A. C. Bohrnstedt, President

CC to -
Mr. J. H. East, Jr.,
Regional Director,
Bureau of Mines,
224 New Customhouse,
Denver, Colorado.

COPY

The American Fluorspar Group, Inc.
La Madera, N. M.
March 19, 1951

Mr. M. H. Shadel, Chief,
Real Estate Division,
Corps of Engineers, U.S. Army,
Albuquerque District,
P.O.Box 1538, Albuquerque, N.M.

Dear Mr. Shadel:

Acknowledgement is made of your letter of the 14th.

In addition to the claims in contest, or at least upon which contest has been filed, there are, as I explained in my letter to Mr. Delaney upon February 12, 1950, of which copy was sent to you, the following claims:

American No. 3
American No. 4.
Copper #1:
The last claim owned by The New Mexico Minerals Developers, a partnership. It is about two miles up the Sulphur Canyon from the others.

Why I say Mr. Shadel, with all of the sincerity of my heart, that there are issues here greater than the mere appraisal of the properties, great as those are, because as I said in my last letter, THERE CAN BE NO FAIR APPRAISALS made by any living soul, without those appraisers know and take into consideration, all factors relative thereto.

For nearly six years now, we have been trying to find out the answers to those factors - we have spent a lot of money, time and effort in an honest effort to do so - men of world-wide reputation have advised us, without charge. On account of the overburdens, and other conditions, the Bureau of Mines Division of the Government overlooked some of those factors. I can take you, or your Engineer's, to two almost pure veins of ore, almost 100% pure in content and running from approximately 6' to 15' wide, that they, or any appraiser going by themselves, will I'll bet, miss one of them, if not both. Yet they are in plain sight, when approached in the right way. One of them I did not see for months after we had made our first purchase, and the other one probably three years after. Two of the great Geologists of this country, or of any other country in one instance, have said - "further tunneling and exploring core drilling, are the only answers, as to what is really there." Our own State Bureau of Mines Engineer and Geologist, also said so. We have sampled and have had assays, time without number, and we do not fear any honest, fair, sampling and assaying.

In the face of those indisputable facts, Mr. Shadel, how can any appraiser go in and in a few hours by himself, bring out the correct answer? If I was taught the business of appraising aright, an appraiser must be as fair, as competent and as impeachable as a Judge upon the bench. A Judge, before making a decision must know the facts. Now, I ask you, can an Engineer, Geologist or appraiser, get all of the facts in this case in a few hours, sufficient to make a fair appraisal? In view of the secrecy, and to put it mildly, the incompetency and insufficiency of the investigation upon the Rickardite, I think that we have a perfect right to demand and expect, an investigation and appraisal that is not "TOP SECRET".

In my statement that there were two fine veins of ore that most Engineers and Geologists, going by themselves, would miss , principally on account of the overburden, I should have added that one of the very largest deposits of barite there undoubtedly, was also missed by us and others, for months, yet in very plain sight all of the time. In-as-much as it is on one, if not two, of the claims in contest, that deposit was undoubtedly overlooked by the examiner for the Bureau of Mines , Department of the Interior.

The issue, or issues, greater than the intrinsic values to us, is our country's security and welfare, and after the war years, the well being and happiness of its people. Let us consider those.

Our Country's Security

(I will not give any tonnage estimates that we have, because I do not want to predujice any impartial investigation. However, in any "across table"conference were each side tells its full story, there is not a shred of evidence which will not be gladly produced.)

Barite

There is one very large vein where there are lime inclusions on top. It was across this that the Geologist did his sampling. Assay 3.86% Spec. Gravity An almost mile long sample along the exposed parts of the vein -93.08%

Other Geologist samplings, spec. gravity assays:

4.21
4.40
4.40
4.40

Highest possible test - 4.50 (4.50)

Our deposit is close to the Oil Fields of both Texas and New Mexico. It is essential to oil production, without which a modern war cannot be fought.

Fluorite - Commercial

Our lowest assay is 96.16; the next lowest 97.70 and the highest 99.60. (99.60)
No other known deposit in the world in-so-far as we can find, tests higher .
A modern war cannot be fought without fluorite such as this.
It is the foundation of the power that propels Jet guided and other missels above the ground; it is the material that makes aviation and high octane gas possible; it is the material that it is said is used in some degree in the atomic bomb, as well as in many, many other rare and secret uses. An average of 97% pure fluorite , or greater, is needed. There in New Mexico, the United States, or the World, is there found anything finer?
We have been told repeatedly, that the only other place in the United States is a vein running through a part of Illinois and Kentucky, and that production there is already limited.

The amended Court order served upon me yesterday, said - "the United States to have full right to fire projectiles and explosives over, upon and across the described land, and the full and exclusive use and possession thereof."

Just what would we think of citizens who would shoot their own security all to hell, while he owned other places where he might shoot without jeapordizing it, or any other person or thing.

Fluorite - Commercial - concluded.

We do not know, engineers have not known, eminent geologists have not known, just how much of a deposit there is there. They have agreed upon two things, to-wit:

1. That the extent should be explored.
2. They have agreed upon the method of finding out.

Following the consensus of opinion, we placed an application upon January 3, 1951, with the Regional Office of the Defense Administration in Denver, to be forwarded to Washington, for assistance and cooperation in finding out. Congress recognizing the need for strategic materials and for the finding and exploring all such deposits, passed a law for that very purpose in September, 1950.

Is the will of the people, and the future security of the people, as expressed through their authorized and duly elected representatives, as late as last September, going to be thwarted and overridden?

Unwittingly at the time, I became the embodiment or administrator of what turns out to be MOP security and [illegible] war material, therefore for SECURITY reasons for all people of this country, therefore in this instance at least, I think that the people are entitled to know exactly what the Army intends to do with that, or any other top strategic materials, which it, the Navy and the air force all have to have and use, before they can move.

With all my heart I want to be a help and not a hindrance, but I know that in the Richardite transaction, I was not treated as an American citizen should be. I was ignored, just as many another "owner" was. I was willing to accept that and take my loss, but in my last letter, I said that this time there would be "no brush off", I meant it. I was trained in a practical work - I have made hundreds of appraisals, but never, never have I [illegible] Government, or anybody else, made an appraisal that [illegible] owner, as well as the would-be purchaser, should not know all about it. And there is not enough money in the world to hire me to do it. The best "Security Reasons" are Woodrow Wilson's - "open covenants openly arrived at." Whenever you people get down to that basis, I can tell you that you will find a cooperator.

Lastly, American [illegible]

Mr. [illegible] know that and I feel that I was obviously low to it. We did not want it - we needed the $2,500.00 commission desperately that the sale of those claims would bring, as an asset. I investigated first before offering it, in company with one of the owners. I made a complete report, sampling, and everything, then showed it to a San Francisco prospect, who went away and liked about it, and wanted the agent who sent him to refund his expenses and threatened suit. I went back by myself spending days checking upon myself, and with two of the owners, one an engineer of note. I then wired the agent that I'd not put up any expense money, but that I would pay all expenses and defend any suit brought against him. Nothing was ever heard of it again. However, that third time, I began to see it, not as fluorspar - not as a $2,500 commission that we needed so desperately, but something, that God Himself in all of His wisdom, had hid there in those remote mountains. Something not to be selfish with - something not to be mercenary with - something to be developed in a way that the commercial of it might pay for the development of the beauty of it. It has not been offered for sale since - the commercial, except for the fluorite, has not entered into it. Mineralogists and Geologists have told me, that "one shot of dynamite might spoil the beauty of it

all forever, and also destroy thousands and upon thousands of dollars of mineral gems contained therein. Have you any appraisers who can appraise the unknown in that? One of the greatest Geologist's and Engineer's whom I have ever met, and who holds one of the digest positions of his kind in this country, and whose principals seen him all over the world and looking at it in awe, and finally said - "develop this for the beauty of its minerals for all to enjoy. Then as you do it, keep stockpiling the commercial, and of course, sell those". He suited his spoken word with action, for he picked up out of the dumps, 35# for me to send to his wife for him, way to the eastern border of our country.

Two or three others have said - "there may be - there probably on, precious stone in there". And some have said -"this may open up,and very soon into rooms or caverns equal to Carlsbad ".

Others, whom I never particularly regarded as real Believers in any Faith, have spontaneously said in a very few minutes - "One cannot look at this and be an unbeliever."

I grant you that you may be able to find appraisers who can put an approximate appraisal value, upon the material side of these claims, but Mr. Shadel, can you find anyone who can put an approximate value upon the spiritual, or its value for real beauty? Or, to say what God's reason was in hiding away there, something the like of which, this one great Geologist and Engineer said - "I have never seen anything like this in all my travels in all of the world". And he has been over and around it, even to its remotest corners, time and time again.

If our Government wanted this to preserve and develop for the security and happiness of our people, we could do business with us very, very fast, because even in his desperate need now, I am one who thinks and believes, that He, who may become one of the possessors of one of the most "beautiful things in minerals in all the world", does not want it so badly that he needs to have it "to fire projectiles and explosives over, upon and across", do you Mr. Shadel?

Sincerely yours,

A. C. Lohrmeyer

A. C. Lohrmeyer, President
The American Chrysopar Group, Inc.

Copies -
Atten: . . Miller,
U. . . Smith Regional Adm'r.,
U. . Department of the Interior,
Box 595, Albuquerque, N. .

Mr. J. . East, Regional Director,
Bureau of Mines,
Department of the Interior,
224 New Customhouse,
Denver, Colorado.

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

REGIONAL DIRECTOR'S OFFICE
REGION IV
MAR 19 1951
BUREAU OF MINES
DENVER, COLORADO

March 5, 1951

Memorandum

To: Executive Secretary of DMA
Through the Operating Committee and Director of the Supply Division

From: Nonmetallics Commodity Committee

Subject: DMA-604, The American Fluorspar Group, Inc.
La Madera, New Mexico

It is recommended that the request for $30,000 (DMA-604), made by the American Fluorspar Group, Inc., be turned down, for work on a fluorspar prospect in Socorro County, New Mexico. The data that the applicant presents are indicative of very small deposits of fluorite and barite of inferior grade. The analyses presented in the report submitted are of material that is too low in fluorite and too high in barite and quartz for satisfactory beneficiation by present metallurgical methods. No estimate of the tonnage of such material at this prospect is given.

/s/ James A. Barr

James A. Barr
Chairman, Nonmetallics
Commodity Committee

Approved:

_____ Chairman

_____ Lowell W. Boon

_____ Olaf W. Rove

no longer necessary

For the Record
Andrews
Sparks
3/20

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

March 5, 1951

Re: Docket DMA-604

The American Fluorspar Group, Inc.

La Madera, New Mexico

Attention: Mr. A. C. Bohrnstedt
President

Gentlemen:

Your request for assistance, under the Defense Production Act of 1950 has been reviewed by the Nonmetals Commodity Committee of the Defense Minerals Administration.

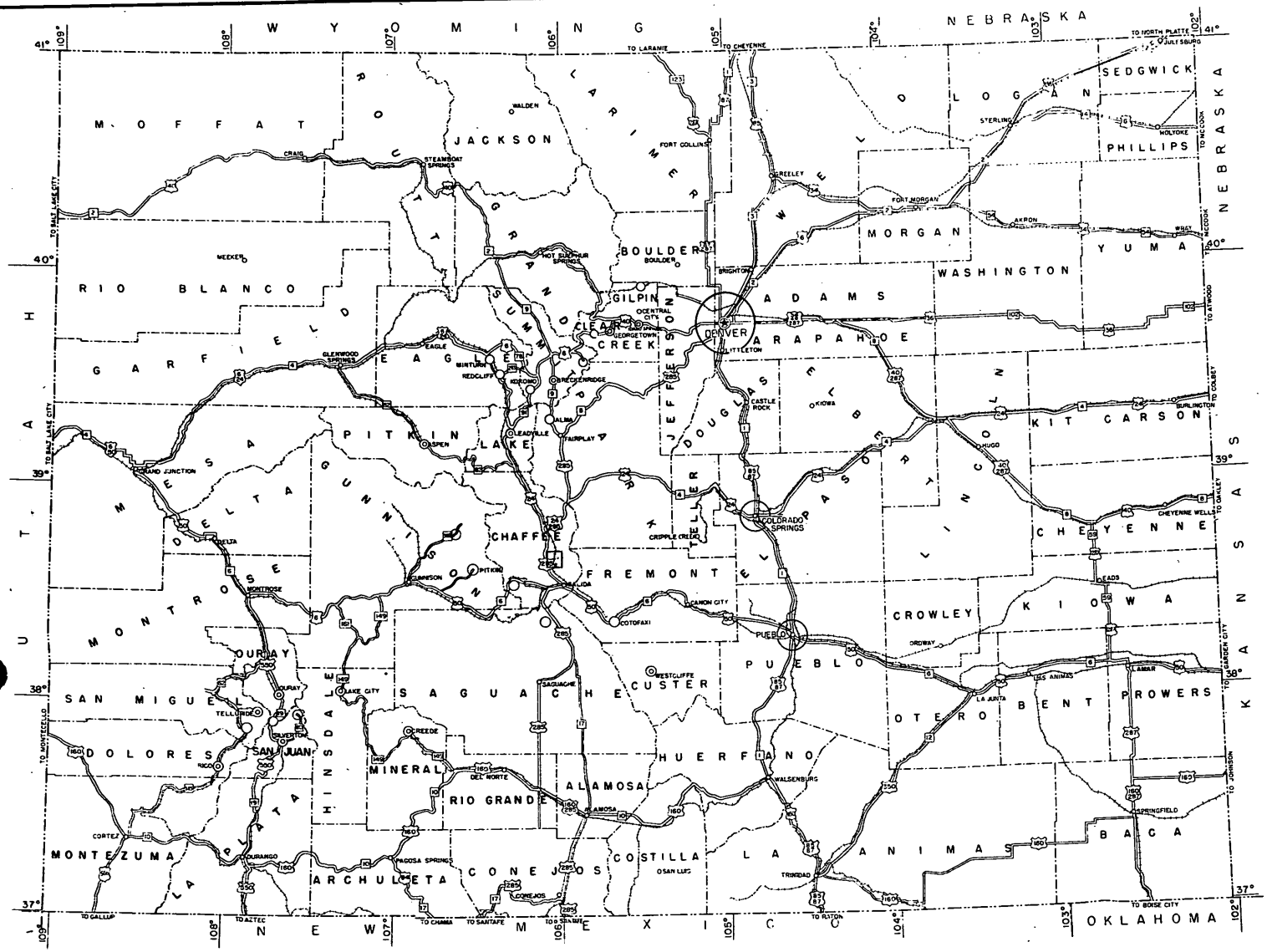
Projects approved by the Defense Minerals Administration must, in its judgment, show definite promise of yielding material of acceptable grade, physical character, and specifications in amounts that will significantly improve the mineral supply position for national defense. The data submitted on your property have been reviewed by members of our committee dealing with fluorspar, who agree that your application is not supported by evidence that there are substantial reserves of material of acceptable grade on your property.

Under these circumstances, we do not believe that financing a project of the type that you propose would be a justifiable expenditure of public funds. If additional information becomes available, we would be gald to have you resubmit the project for our consideration.

Sincerely yours,

/s Tom Lyon

Tom Lyon
Director, Supply Division



LEGEND

- LOCATION OF DEPOSIT
- MAJOR INDUSTRIAL AREAS
- PRINCIPAL MINING CENTERS

NOTE

DATA TAKEN FROM STATE HIGHWAY MAP OF COLORADO. BASIC SURVEY CONDUCTED 1936, FEDERAL AID AND STATE HIGHWAY SYSTEM DATA REVISED AS OF JANUARY 1, 1940.

0 5 10 15 20 25 50
SCALE OF MILES

U.S. FLUORSPAR CO.
PROPERTY

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Fig. 1, INDEX

COLORADO

Highway and Railroad Map

ENGINEER:	DATE:

45
Manage

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

REGION IV

OFFICE OF
REGIONAL DIRECTOR

224 NEW CUSTOMHOUSE
DENVER 2, COLORADO

(Dictated by Mr. East; signed
in his absence)

December 19, 1950

Mr. A. C. Bohrnstedt
The Cooperative Mines, Inc.
La Madera, New Mexico

Dear Mr. Bohrnstedt:

This will acknowledge receipt of your letter dated December 11, 1950, requesting an appointment on December 20, 21, or 22.

Unfortunately, I will be away on a field trip, leaving this afternoon, but I plan to be in the office during the week of December 26, if you should come to Denver.

Sincerely yours,

J. H. East, Jr.

J. H. East, Jr. (lm)
Regional Director

12/29

JHE:lm

Application in pending file

PRESIDENT
THE COOPERATIVE MINES, INC.
LA MADERA, NEW MEXICO

THE AMERICAN FLUORSPAR GROUP, INC.
HOT SPRINGS, NEW MEXICO

A. C. BOHRNSTEDT
MINES---MINERALS
La Madera, N.M.
December 11,1950

REGIONAL DIRECTOR'S
OFFICE
REGION IV
DEC 13 1950
BUREAU OF MINES
DENVER, COLORADO

Mr. John H. East, Jr.,
Regional Director, Region IV
U. S. Bureau of Mines,
Denver 2, Colorado.

Dear Mr. East:

A circular received today from our State Bureau of Mines, issued from The American Mining Congress, advises thatforms are now available to apply for direct government loans under terms of the Defense Production Act of 1950. I would appreciate having two sets - one for The American Fluorspar Group, Inc., and one set for The Cooperative Mines, Inc, by return mail if possible.

Would it be possible for me to have an appointment with you upon either the twentieth, twenty-first or twenty-second? Either one of those days would be satisfactory to me, in so far as I know now.

Yours very truly,

A. C. Bohrnstedt

A. C. Bohrnstedt.

pte

JHE

Attorney

La Madera, N.M.
November 5,1950

REGIONAL OFFICE
REGION IV
NOV 7 1950
BUREAU OF MINES
DENVER, COLORADO

Mr. G. W. Josephson, Chief,
Construction and Chemical Materials Branch,
Bureau of Mines, Dept. of the Interior,
Washington 25, D.C.

Dear Mr. Josephson:

Supplementing my letter of October 28th.

COPY

Upon my return from my trip to our State Bureau of Mines, and to Hot Springs, there was a letter awaiting me from Paul T. Allman, Chief Mining Division, Denver, advising that I postpone my trip to see them, because both he and Mr. East would be away and that "the program regarding mining loans has not been set up", so I am defering the trip until I can see them. However, the emergency for which the Act was set up, seems to be getting worse, instead of better, so yesterday I mailed you a small representative sample of our fluorspar. I had a much larger sample with me when I was in the Bureau of Mines at Socorro. The State mines inspector happened to be in at the time and he remarked - "that is something different than anything found anywhere's else in this state." We have had many assays, the lowest being 96.16 , 97.70 to 99.40. If the articles that we have been reading recently in leading magazines, we have something that our Government needs very, very much. We are willing to go for an all out program, both in it and in the mica.

Mr. E. C. Anderson and I, checked a tentative program for each, but neither he, nor I, have sufficient information upon which to make formal applications, as yet. Mr. Anderson is Head of the Mines Division of our State Bureau of Mines. Mr. Callahan, Head of the Bureau, was not in, but he has seen many of our mica properties and seemed to be highly pleased with them. Both of them are very much in favor of the full development of our District.

If I can be of any help to you people in getting all out production throughout the mica district here, I am willing to assist in every way possible. I know most of the owners and I feel sure that most of them will be cooperative. This district has been practically at a standstill since the Colonial Mica Corporation withdrew, until just recently, new plans are in the making by responsible people. I like the way you and the Denver office write in regard to this matter, and I assure you that we will do our best to cooperate in a way to get the best possible results, both here, and in Sierra County, with our Fluorspar.

Sincerely yours,

The Cooperative Mines, Inc.

A. C. Bohrnstedt, President.

P.S.
I was assured at Hot Springs, that it is the intention of Sierra County to build a road to our district next year.

A.C.B.

PRESIDENT
THE COOPERATIVE MINES, INC.
LA MADERA, NEW MEXICO
THE AMERICAN FLUORSPAR GROUP, INC.
HOT SPRINGS, NEW MEXICO

Mining Division
Date Rec'd.
NOV 6 1950
BUREAU OF MINES
Denver, Colorado

P.T.A.

A. C. BOHRNSTEDT
MINES---MINERALS

La Madera, N.M.
November 4, 1950

Mr. Paul T. Allsman, Chief,
Mining Division,
Bureau of Mines,
224 New Customhouse,
Denver 2, Colorado.

Dear Mr. Allsman:

Thank you for your letter of the 31st.

I think too, that it will be better for me to waite until such time as you or Mr. East are ready to see me and you know what your setup will be.

The first of the week I am going to write Mr. Josephson more fully just what our setup here is and will send you people a copy of that letter. We have two high priority metals - Mica and Acid grade Fluorspar, and it has been our understanding that the Government is anxious to have both. We are anxious to go all out for it, if that be the needs of our Government.

When Mr. East, or you, can set a time for me to see you, and you are ready for our information, I will appreciate it if you will let me know.

Yours very truly,

The Cooperative Mines, Inc.

A. C. Bohrnstedt

A. C. Bohrnstedt, President.

Mining Division
Region IV

October 31, 1950

Mr. A. C. Behrnstedt, President
The Cooperative Mines, Inc.
La Madera, New Mexico

Dear Mr. Behrnstedt:

Mr. East is out of town and has requested that I reply to your letter of October 26, 1950.

Mr. East and I either one or both expect to be out of town most of the time for the next two to three weeks. Moreover, the program regarding mining loans has not been set up. It would appear advisable for you to postpone your proposed trip to Denver to discuss your mining property until after we have more specific information. However, if you prefer to discuss the matter earlier, I expect to be back in Denver by November 17, 1950.

Very truly yours,

Paul T. Allsman
Chief, Mining Division

Copy to: J. H. East, Jr.

Sub. File
Chron. File

PRESIDENT
THE COOPERATIVE MINES, INC.
LA MADERA, NEW MEXICO
THE AMERICAN FLUORSPAR GROUP, INC.
HOT SPRINGS, NEW MEXICO

DIRECTOR'S OFFICE
REGION IV
OCT 30 1950
BUREAU OF MINES
DENVER, COLORADO

A. C. BOHRNSTEDT
MINES---MINERALS

La Madera, N.M.
October 26, 1950

Mr. J. H. East, Jr., Regional Director,
Bureau of Mines,
U. S. Department of the Interior,
224 New Customhouse,
Denver 2, Colorado.

Dear Mr. East:

Thank you very much for your letter of the 24th.

Before putting in a formal application, I believe that it would be advisable for me to have a talk with you relative to the mines we have that can be put into production, so as to get your suggestions regarding the best course to pursue, and to become a little more familiar with the proceedure and the full purpose of the act. My plan now is, providing the date will be acceptable to you, to be in Denver November ninth and tenth. I could meet you in the afternoon of the ninth, or any time during the day of the tenth. In either case the hour convenient to you to be set by you.

Much of the data respecting the mines, both for this corporation, and our associate Corporation - The American Flourspar Group, Inc., is already in Denver. I will need it, and I will need to have the assistance of the Denver Equipment Company as to our needs, and the cost thereof.

Frankly, our sincere desire is to serve and work with our Government, in producing to our utmost those minerals that we have, which will best serve the public interest .

Sincerely yours,

The Cooperative Mines, Inc.

A. C. Bohrnstedt, President.

REGIONAL DIRECTOR

Region IV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
224 NEW CUSTOMHOUSE
DENVER 2, COLORADO

Mining Division
Date Rec'd.
OCT 24 1950
BUREAU OF MINES
Denver, Colorado

October 24, 1950

Mr. A. C. Bohrnstedt, President
The Cooperative Mines, Inc.
La Madera, New Mexico

Dear Mr. Bohrnstedt:

Referring to Mr. G. W. Josephson's letter to you dated October 20, 1950, in reply to your letter of October 13:

The attached form letter indicates the type of information you should present with your application for financial assistance under the Defense Production Act of 1950.

Additional information may be required when the regulations have been established.

Sincerely yours,

J. H. East, Jr.
Regional Director

Attachment

JHE:lm

cc: PT Allman
Storms
McMillan

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

REGIONAL DIRECTOR'S
OFFICE
REGION IV
OCT 23 1950
BUREAU OF MINES
DENVER, COLORADO

October 20, 1950

Mr. A. C. Bohrnstedt, President
The Cooperative Mines, Inc.
La Madera, New Mexico

Dear Mr. Bohrnstedt:

Your letter of October 13, addressed to the Secretary of the Interior requesting information on assistance under the Defense Production Act of 1950, has been referred to me for reply.

As you no doubt know, this Act provides among other things for the expansion of productive capacity and supply of strategic minerals. Executive Order 10161 delegates to the Department of the Interior the responsibility, in regard to metals and minerals, for reporting on the feasibility of projects to expand productive capacity and supply and the essentiality of such proposed new capacity or supply to the Defense Program. Based on these reports the Bureau of Mines will determine what proposals may be properly certified to the Reconstruction Finance Corporation for loans and to the General Services Administration for purchase contracts. However, before the Department of Interior can function under authority delegated in the Executive Order, certain administrative procedures must be established. The details of procedures to be followed in the Bureau's certification to RFC and GSA have not yet been fully worked out.

In order to expedite matters in the event that your company proves to be a qualified applicant for financial aid, I suggest you advise the Regional Director of the Bureau of Mines, at the following address, of your needs and your proposal for increasing mineral supply:

Mr. John H. East, Jr.
Regional Director, Region IV
U. S. Bureau of Mines
224 New Customhouse
Denver 2, Colorado

9ME

In bringing the matter to Mr. East's attention, you should present all the pertinent engineering data available concerning your property including information on manpower and equipment required, tonnage and grade of ore, and anticipated rate of production. Submission

of these data will enable the Regional Engineer to have the property examined, if necessary, and make a recommendation for consideration of this office as to the course of action to be followed.

I regret that I cannot give you more assurance of assistance at this time. You can be certain, however, that any information you furnish the Bureau will be given full consideration.

Sincerely yours,

G. W. Josephson
Chief, Construction and
Chemical Materials Branch

The American Fluorspar Group, Inc.,
A New Mexico Corporation

La Madera, New Mexico

January tenth, 1951

Mr. James Boyd, Administrator,
Defense Minerals Administration,
Bureau of Mines,
Department of the Interior,
Washington 25, D.C.

Dear Doctor Boyd: In re: Application January 3, 1951 to John H. East, Jr., Regional Director, Region IV, Denver 2, Colorado.

Subject - Copper.

Supplementing the above mentioned application, which I am advised by Mr. East has been forwarded to the Defense Administration, will say that upon the last page of the application, wherein I quoted various assays, there was at the bottom of that page, five assays of Copper quoted. In rereading the application, I discovered that I had not made any other referance to them, or where they came from. I wish to make that explanation now.

The Claim is known as "COPPER #1", situated also in the Sulphur Canyon District of the San Andreas Mountains, about 1½ miles from The AMERICAN Fluorspar Group, Inc., Group of Claims, and owned by the Minerals Developers, A partnership, made up principally of a few of us who financed quite extensive prospecting within that District, but the Management, Supervision and direction of it is by our Corporation, therefore made a part of our application , because we think it worthy of quite extensive core drilling and further investigation. This for the benefit of our Government, as much or more than ourselves, unless we are permitted to make further filings adjoining our claim. We understand that that area is not now open for filings.

I am not sure of the exact location as to where #1, #2 and #3 of the L. B. Bently assays were taken, altho I do know that they were obtained in that immediate neighborhood, but as to the others, they came from our claims and were the result of my own sampling, with the aid of others.

The samplings are from two small open cuts near the bottom of the side of the mountain in Sulphur Canyon, in what I think is commonly called a shale formation. We know nothing of the extent of the formation, or possibly lack of formation, but we do know that very extensive investigations with Geophysic Instruments showed extensive mineral deposits of some kind, upon and adjacent to our Claim. Frankly, we have been advised by some who claim to know, that such deposits in New Mexico, have not paid out - "just pockets that comes from some-where - no one knows where." However in 1947, at the Big Miners Meet in El Paso, Texas, I sat across the table from a man and his wife, from somewhere in Arizona , whowas the representative there of a large Copper Corporation, who said to me - "do not let anyone kid you out of prospecting that area thoroughly by every known device for it. About 25 years a go I and a friend struck just such a deposit in Arizona - we have mined thousands of tons and we know less now than we did then, or thought we knew, because we are still mining at a profit, earth that averages us less than 2% copper." A reputable Mining Engineer sitting next to me said - "from my experience, I'd say that this gentleman is right."

We do know that copper has been found in paying quantities over the mountain from there, at one time. That property may be open now - I have not searched the records recently. If we have a core drilling outfit for the fluorspar work, it will be a simple matter to core drill that, and we sincerely hope, with the full approval, cooperation, and if possible, engineering and geological help from the Bureau of Mines, both state and Government, because it should be a mutually cooperative venture, in our opinion.

Sincerely yours,

A. C. Bohrnstedt

A. C. Bohrnstedt, President

CC to -
Mr. John H. East, Jr.

The American Fluorspar Group, Inc.,
A New Mexico Corporation

La Madera, New Mexico

January tenth, 1951

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

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Sincerely yours,

A. C. Bohrnstedt

A. C. Bohrnstedt, President

CC to -
Mr. John H. East, Jr.

January 3, 1951

Mr. A. C. Bohrnstedt
Cooperative Mines
La Madera, New Mexico

Dear Mr. Bohrnstedt:

This will acknowledge receipt of your report which you delivered to this office today, regarding your application for Government mining loan.

Your report is being forwarded to the Defense Minerals Administration, Washington, D. C., for their consideration.

Sincerely yours,

J. H. East, Jr.
Regional Director

/lm

cc: MT Allaman

PRESIDENT
COOPERATIVE MINES, INC.
LA MADERA, NEW MEXICO
THE AMERICAN FLUORSPAR GROUP, INC.
HOT SPRINGS, NEW MEXICO

A. C. BOHRNSTEDT
MINES---MINERALS

La Madera, N.M.
December 23, 1950

Mr. J. H. East, Jr., Regional Director,
Bureau of Mines,
224 New Customhouse, Denver 2, Colorado.

Dear Mr. East:

Thank you very much for your letter of the 19th inst., just received.

I will plan to be in your office Friday, the 29th, at 10 A.M., to discuss with you plans relative to the Mica properties of The Cooperative Mines, Inc., and the strategic grade Fluorspar properties of The American Fluorspar Group, Inc.

Sincerely yours,

A. C. Bohrnstedt

A. C. Bohrnstedt

file copy

FOR VICTORY
BUY UNITED STATES WAR BONDS AND STAMPS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

REGIONAL DIRECTOR'S OFFICE
REGION IV
OCT 31 1950
BUREAU OF MINES
DENVER, COLORADO

Mining Division
Region IV

224 NEW CUSTOMHOUSE
DENVER 2, COLORADO

October 31, 1950

Mr. A. C. Bohrnstedt, President
The Cooperative Mines, Inc.
La Madera, New Mexico

Dear Mr. Bohrnstedt:

Mr. East is out of town and has requested that I reply to your letter of October 26, 1950.

Mr. East and I either one or both expect to be out of town most of the time for the next two to three weeks. Moreover, the program regarding mining loans has not been set up. It would appear advisable for you to postpone your proposed trip to Denver to discuss your mining property until after we have more specific information. However, if you prefer to discuss the matter earlier, I expect to be back in Denver by November 17, 1950.

Very truly yours,

Paul T. Allsman
Chief, Mining Division

Copy to: J. H. East, Jr.

Sub. File
Chron. File

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
ROCKY MOUNTAIN REGION
REGION IV

OFFICE OF
REGIONAL DIRECTOR

224 NEW CUSTOMHOUSE
DENVER 2, COLORADO

Mining Division
Date Rec'd.
JAN 4 1951
BUREAU OF MINES
Denver, Colorado

January 4, 1950

Mr. A. C. Bohrnstedt, President
The American Fluorspar Group, Inc.
La Madera, New Mexico

Dear Mr. Bohrnstedt:

This will acknowledge receipt of your report dated January 3, 1951, relative to Government mining loan for the American Fluorspar Group, Inc.

Your report will be forwarded to the Defense Minerals Administration, Washington, D. C., for their consideration.

Sincerely yours,

J. H. East, Jr.

J. H. East, Jr. (lm)
Regional Director

/vmt

cc: PT Allsman

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
ROCKY MOUNTAIN REGION
REGION IV

OFFICE OF
REGIONAL DIRECTOR

224 NEW CUSTOMHOUSE
DENVER 2, COLORADO

January 3, 1951

Mr. A. C. Bohrnstedt
Cooperative Mines
La Madera, New Mexico

Dear Mr. Bohrnstedt:

This will acknowledge receipt of your report which you delivered to this office today, regarding your application for Government mining loan.

Your report is being forwarded to the Defense Minerals Administration, Washington, D. C., for their consideration.

Sincerely yours,

J. H. East, Jr.
J. H. East, Jr.
Regional Director

/bn

cc: PT Allsman

UNITED S
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
ROCKY MOUNTAIN REGION
REGION IV

OFFICE OF
REGIONAL DIRECTOR

January 4, 1950

224 NEW CUSTOMHOUSE
DENVER 2, COLORADO

Mr. A. C. Bohrnstedt, President
The American Fluorspar Group, Inc.
La Madera, New Mexico

Dear Mr. Bohrnstedt:

This will acknowledge receipt of your report dated January 3, 1951, relative to Government mining loan for the American Fluorspar Group, Inc.

Your report will be forwarded to the Defense Minerals Administration, Washington, D. C., for their consideration.

Sincerely yours,

J. H. East, Jr.

J. H. East, Jr. (lm)
Regional Director

/vmt

cc: PT Allsman

(orig. + 2 copies recd)

2 copies sent to W.O.
2/1/51

JHE

Form 6-98

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

U. S. GOVERNMENT PRINTING OFFICE 16—53493-2

The American Fluorspar Group, Inc.,
A New Mexico Corporation

La Madera, New Mexico

January third, 1951

Mr. John H. East, Jr,
Regional Director, Region IV,
U. S. Bureau of Mines,
224 New Customhouse,
Denver 2, Colorado.

Dear Mr. East:

We being unable to secure finances for our uses and purposes through the usual channels for financial assistance, hereby make application to you under the Defense Production Act of 1950, for financial assistance in the sums and for the purposes hereinafter stated, to-wit:

A basis for our asking, as well as for a description of the properties and their location, is shown in a R E P O R T upon them made by Ross M. Clippinger Field Engineer, and Philip F. McKinley, Geologist, for the New Mexico Bureau of Mines and Mineral Resources, dated at Socorro, New Mexico, January 8, 1948. Reference is particularly made to "Conclusions" at the bottom of page 3 and all of page 4, thereof. Other well known Geologists and Engineer's who have seen the properties, have verbally made the same suggestions relative thereto. We therefore, want to do the core drilling therein recommended, and in addition thereto, block out the ore and investigate its extent particularly at the large open cut upon American #1, which now has a face in ore of approximately 8' in height and 19 ' in width, by running tunnels of about 150' in extent, by running about 50' North, 50' South, and 50' west, or to the west edge of the ore vein, if it runs out sooner. We also want to run a shaft down to the bottom of the ore body, or for at least 8' or 10', where we think the bottom is. As this goes on, we will want to take samples and have them assayed, very frequently. This will also be true of the sampling from the core drilling.

The last 25 miles of the road in is in an almost impassible condition, but Sierra County, which has just come into full possession of that part of the area in Socorro County. They have promised to build roads at once for the ranchers in there and us, but we are assuming that there will be possibly four or five miles in which we will have to help very materially, and for a mile or two, do all of it.

Our estimate of funds needed for the purposes above outlined, are as follows, to-wit:

Machinery and Equipment, Miscellaneous			
Small track laying, 2nd Hand dozer with blade	$ 1,500.00	(1,500.00)	
Ore loading bin - -	250.00		
Miscellaneous tools, ore car, track, etc. -	1,250.00		
One(1) 1 ton 4 W.D.Jeep pickup truck -	2,085.00	(Fully equipped)	
One Jeep with power take off, core drilling attachment and tools - -	4,400.00		
Repairing and reroofing rock cabin for men -	515.00	$10,000.00	
Road construction, tunnels and blocking, estimated costs			
Cost of road work - -	$ 3,500.00		
Cost of 150 to 175' of tunnels and shaft -	5,000.00		
Core drilling labor and expense -	8,000.00		
Engineering and Supervision - -	3,500.00	20,000.00	
Grand total - Step #1 -			$30,000.00

Step 2

Step #2 cannot intelligently be set up until the full results of Step #1 are known. At that time, if it all turns out as good as we hope and expect, a mill and full mining equipment will undoubtedly be required. We are perfectly willing to use the funds secured under Step #1, as/ and where/ recommended by our New Mexico Bureau of Mines, or as/ and where/ suggested by Geologists or Engineer's from the U.S. Department of the Interior, Bureau of Mines. It should be, and can be, a mutual cooperative effort for the Public Good.

The American Fluorspar Group, Inc.

Capital authorized - 2,500 shares non-par.

Issued upon basis $10.00 a share - 2,500 shares.

Officers and Directors

A. C. Bohrnstedt, President

Ethel M. Bohrnstedt, Vice-President.

Nona L. Schneider, Secretary.

Ralph L. Hawkins, Director.

Bank reference:

Mr. Harry Moore, President,
Hot Springs National Bank, Hot Springs, N.M.

Other references

Hon. Clinton P. Anderson, U.S.Senate, Washington, D.C.

Hon. John E. Miles, former Congressman. Also former Governor and Land Commissioner, State of New Mexico.

The American Fluorspar Group, Inc.,

Various Assays

* * *

Assay Office of L. B. Bentley

10/28/45 Fluorspar Sample - Lime 1.70% Silica - 0.60 Fluorspar - 97.70%

7/14/46 Composite Sample from dump- Lime 4.40% Iron- 1.81% Silica 18.00% - Fluorspar -43.40% -Barite -32.39%

9/12/46 Fluorspar Sample - Silica - 00.40% Fluorspar - 99.60%

1/15/47 Cross-cut of approximately 8' x 19' face: Lime - 2.40% Silica - 14.20% -Barite -38.40% Fluor'p-45.00%

Assay Office of The Colorado Assaying Company, Denver 1, Colorado - 10/26/46

#1 Fluorspar - Calcium Fluorite - 97.12 Composite sample

#2 Barite- Composite sample over a distance of nearly a mile - Barium Sulphate - 93.08%

Fraser Laboratories - Marion , Ky. No.9279 - 8/26/47 Fluorspar composite sample:

CaF2	-	96.16
SiO2	-	0.22
CaCO3	-	2.76
R2O3	-	0.74
BaSO4	-	0.12

Baroid Sales Division - National Lead Company - Los Angeles Office -4/3/47

W. A. Jenkins, Geologist - Sampler - Barite -

		Sp. Gr.
X65	Composite Group sample -	4.48
X66	- American #1 Main Workings -	4.40
X67	- Sentinel 2 or 3 - -	4.40
X68	- Sentinel #3 - (New American #5) -	4.21
X69	- " #3 - (" " #5) -	3.86
	Mile long composite sample - -	4.40 plus

New Mexico Bureau of Mines and Mineral Resources - Minerals Developers - Copper

No. 5114 10/11/47	-	8.49%
No.5134 10/21/47	-	4.24%

Assay Office of L. B. Bentley - 10/12/47

#1	-	Silver	2.02%	Copper	19.80%
#2	-	"	0.76%	"	
#3	-	"	1.10%	"	13.05%
#5	Dump	"	0.58	"	5.50%

NEW MEXICO BUREAU OF MINES AND MINERAL RESOURCES

R E P O R T

On

PRELIMINARY EXAMINATION OF PROSPECTS

OF

AMERICAN FLUORSPAR GROUP, INCORPORATED

SOCORRO COUNTY

NEW MEXICO

By

DONN M. CLIPPINGER
Field Engineer
and
PHILIP F. MCKINLAY
Geologist

Socorro, New Mexico

January 8, 1948

REPORT ON PRELIMINARY EXAMINATION OF PROSPECTS OF AMERICAN FLUORSPAR GROUP, INCORPORATED SOCORRO COUNTY, NEW MEXICO

Introduction

A request for an examination of the barite and fluorite prospects on Sulfur Creek, San Andres Mountains, Socorro County, was received by E. C. Anderson, Director of the State Bureau of Mines and Mineral Resources, from A. C. Bohrnstedt, Hot Springs, New Mexico. These prospects were examined on December 3rd and 4th, 1947, by Donn M. Clippinger, Field Engineer, and Philip F. McKinlay, Geologist. The examination included a study of the local geology, sampling of the most prominent exposures, and tracing the extent of the exposed barite and fluorite bodies.

Location

The property is in sec. 11, T. 15 S., R. 3 E., on the eastern flank of the San Andres Mountains, Socorro County. It lies on the south side of Sulfur Canyon, one-quarter mile southwest of the Frank Crockett ranch house. By road it is 52 miles from Hot Springs to the property. The property is reached from Hot Springs by traveling east 10 miles on State Highway 52 and taking the turn-off to Cutter. From Cutter, it is 32.3 miles by road to the prospect. The last 10 miles of this road is in poor condition. Loading facilities of the Atchison, Topeka and Santa Fe Railway are available at Cutter.

Physical Features

Maximum relief in this part of the San Andres Mountains is over 2,000 feet and the area is well dissected. Precipitation is slight in all but the highest areas, and the vegetation is sparse, mainly cactus and other semi-arid plants. The only timber available is juniper trees that grow on the highest parts of the range. There are several small springs in the vicinity of the claims. If a larger supply of water is needed for mining operations, it might be obtained by drilling wells west of the claims.

Ownership

Nine lode claims, 600 feet by 1500 feet, have been staked by the American Fluorspar Group, Incorporated, Hot Springs, New Mexico. Their long dimensions lie along a N. 45° W. direction. The claims cover most of the surface outcrops of barite and fluorite that occur in the area.

Geology

The country rock consists of gray, massive to medium bedded limestone belonging to the Madera formation of Pennsylvanian age. The limestone beds strike N. 10° E. and dip 10° towards the west. Crossing the claims is a normal fault which trends N. 30° W. and dips 85° to the northeast. Vertical displacement of the limestone beds along the fault is at least 200 feet. Along the fault is a broken and mineralized zone from 10 to 30 feet wide at the surface. Minerals seen in this zone are barite, galena, calcite, quartz, and fluorite. There are lenses of relatively pure barite in the zone. Deposits of barite and fluorite also occur adjacent to the fault, between the limestone beds.

The lateral extent of these deposits is probably great, but only in localized areas where the minerals were deposited in solution cavities is there a chance of finding a sizable body of ore.

Smaller faults and fracture zones lie parallel to the major fault described. A lense of barite containing galena crystals was found along one of these fracture zones, one-quarter mile south of the large fault. The main fluorite prospect is on this fractured and mineralized zone. This prospect consists of a 20-foot drift which goes into the hill about 20 feet and cuts a zone of broken limestone. The limestone fragments are coated with drusy quartz, barite, and fluorite crystals of museum specimen quality. The solution cavities are filled with crystalline barite and fluorite. A small trench 150 feet south of the main prospect drift exposes an 18-inch layer of broken fluorite, limestone, quartz, and barite. The analyses of samples taken from the major fault zone, the main fluorite prospect, and from the small cut are given in the following table.

Location and Sample Number	Pb Percent	$CaCO_3$ Percent	SiO_2 Percent	CaF_2 Percent	$BaSO_4$ Percent
Sample No. 1 from small prospect cut	*	6.47	48.05	32.66	6.09
Sample No. 2 from dump of fluorspar prospect	*	7.60	32.53	34.28	20.67
Sample No. 3 from surface cut across fault zone	0.44	*	*	*	71.38

* No analysis.

Conclusions

These properties certainly warrant further prospecting, but any such future work should be confined to the main fault zone or along

the fracture zone adjacent to the fluorite prospect one-quarter mile southwest of the fault.

No estimate as to the size and quality of the fluorite and barite deposits can be made from the limited amount of development work that had been done at the time of this examination. Analyses from the fluorite prospects showed the material to be too low in fluorite and too high in barite and quartz for satisfactory beneficiation by present metallurgical methods. The sample from the trench in the main fault was too low in barite to be marketed without further concentration. Unless future development work indicates the presence of additional fluorite much lower in barite and quartz or more pure barite, this deposit is not large enough to warrant the expense of mining, transportation, and concentration.

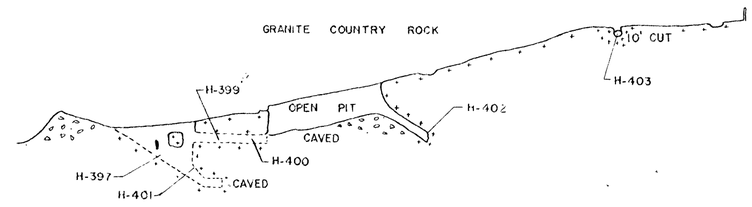
Barite lenses and bodies along the fault should be further prospected for pure barite and for possible concentration of galena. The presence of such a quantity of galena crystals and casts as disseminated through the lower part of the fault zone, indicates excellent possibilities for lead ore in minable quantities. The marked similarity of the mineralization at this property and the Hansonburg Lead mine further emphasizes this possibility.

The deposits that lie along the bedding planes are confined to very limited vertical extent. Prospecting of these deposits is of secondary importance and should not be undertaken at present.

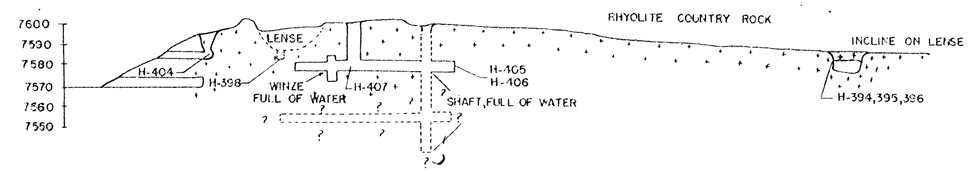
Donn M. Clippinger,
Field Engineer.

Philip F. McKinlay,
Geologist.

Socorro, New Mexico
January 8, 1948



SECTION A-B



SECTION C-D

SAMPLE NUMBER	WIDTH FEET	ASSAY %					
		CaF_2	$CaCO_3$	SiO_2	Al_2O_3	INSOL	S
H-394	5	42.9	0.4	34.0	6.0	46.4	.21
H-395	5	60.3	0.6	20.0	3.6	27.2	.37
H-396	5	34.3	0.4	41.2	5.2	56.8	.27
H-397	9	34.3	0.8	42.4	6.8	54.0	.11
H-398	5	35.5	0.5	44.1	5.2	55.6	.11
H-399	7	5.2	0.3	61.2	12.4	85.6	.30
H-400	6	9.4	0.4	60.4	9.6	79.2	.12
H-401	7	35.8	0.9	41.6	6.4	53.2	.10
H-402	12	12.0	0.6	60.4	7.6	74.8	.17
H-403	6	5.7	2.5	53.6	13.6	69.2	.12
H-404	10	33.8	0.7	40.8	6.0	54.0	.20
H-405	6	24.7	0.6	53.2	5.6	64.8	.33
H-406	6	31.8	0.6	49.2	4.8	57.6	.16
H-407	12	28.2	0.4	46.4	7.2	61.2	.27

UNDERGROUND WORKINGS
FLUORSPAR MINERALIZATION
SHAFT
CHALCEDONY
PIT
BENCH
DUMP
ROAD
FENCE
RHYOLITE
GRANITE
PROPOSED DIAMOND DRILLING

0 100 200 300 400

SCALE OF FEET

CONTOUR INTERVAL 10'

U S DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

FIG. 2

U.S. FLUORSPAR CO.

CHAFFE COUNTY COLORADO

ENGINEER: C.M. HARRER	DATE DECEMBER 18, 1950
TRACED 12-18-50 BY: D.L.R	
CHECKED	