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Item 12

Pine Grove Gold Mining Co.

AMERICAN

ZINC CO.,

WALTER G.

SWART FILES,

NEVADA

FOLDER 280

Denver, Colo., Jan. 17th., 1912.

Mr. P. M. Shelby,
#523 Balboa Bldg.,
San Francisco, Calif.

Dear Sir:-

We have your favor of the 10th inst. addressed to our Mr. W. G. Swart. Mr. Swart is away from Denver and not knowing just when he will be back we are giving your letter our immediate attention.

Your understanding of the control that our company has on electro-static separation of zinc ores is correct. We control this process on zinc ores in United states, Canada and Mexico.

We note that you have zinc ores that you say are amenable to this process. If you are in any doubt about this we stand ready to test out any zinc ores in our laboratory here in Denver, at our expense, any ore that you may wish to ship us. Most zinc ores are amenable but we find some that are not and we have this testing plant for the purpose of finding out any difficulties with any particular ore that we are figuring on an installation of our machines. We invite you to make use of our laboratory at any time that you may be doubly sure.

The smallest installation that we make which will make a complete and continuous commercial separation occupies about six square feet of floor space and has a capacity of from ten to thirty tons per twenty-four hour day. This capacity is

Mr. P. H. Shelby-#2.

dependant on the character of the material and upon its mesh. Our process handles material from six mesh to two hundred mesh.

The cost of a one unit installation is \$1000.00 for the machine and in addition we have to charge \$1500.00, the cost of the electrical equipment. The electrical apparatus has an unlimited capacity. By this, we mean it will electrify any number of apparatus you may wish to install. An installation will require a dryer, not a roaster, as the material must be dry before entering the separators.

With this brief outline we are sending you some literature which will give you a good idea of what our process is, what we are able to do with it and also, what we are doing in the field today. After you have had a chance to look this literature over we will be very glad to hear from you further giving us an idea of what you have in mind. It will be necessary for us to know something about your properties in regard to their location, kind of ore, whether you have mills on them, if so, the kind of treatment, capacity etc. In fact, any information that will give us a better idea what kind of a proposition you have so we will be in a position to help you in every way that we can.

Hoping to hear from you in the near future, we beg to remain

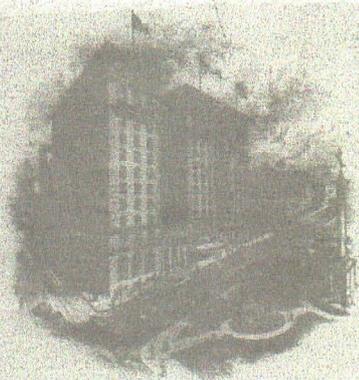
Yours very truly,

AMERICAN ZINC ORE SEPARATING CO.,

By _____

L.

Cable Address "SIGNARF" San Francisco
WESTERN UNION TELEGRAPHIC CODE



Hotel St. Francis
San Francisco

Feb 10 1912

James Woods Manager

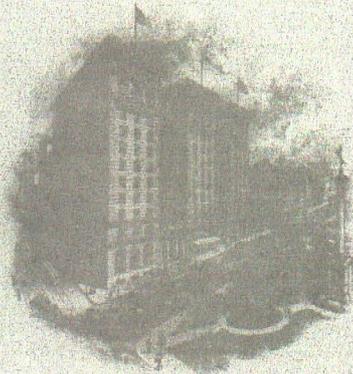
Mr W. G. Swart
Armed Colorado 2/2/12
Dear Sir -

RECEIVED
FEB 13 1912

Some few days ago, I received a letter from your office, answering my enquiry regarding the cost of a Huff electrostatic separator. You requested me to send a sample of our ore, I am pending by mail a small sample of the



Cable Address "BICNARY" San Francisco
WESTERN UNION TELEGRAPHIC CODE



Hotel St. Francis
San Francisco

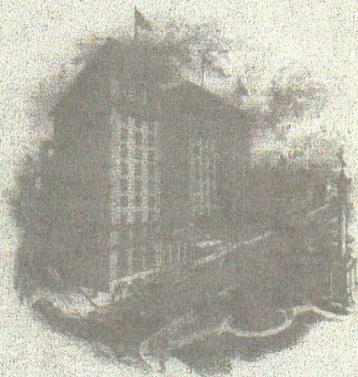
(2)

James Woods, Manager

massive sulphide ore, for
a preliminary laboratory test.
In addition to this heavy
sulphide we have a large
tonnage of low grade
concentrating ore, left in
the mine by the former
operators, who extracted
nothing but the shipping
ore like the sample sent
you. Shipping to a copper
smelter, and paying
a penalty on the



Cable Address TELEGRAPH San Francisco
WESTERN UNION TELEGRAPHIC CO. INC.



Hotel St. Francis

San Francisco

(3)

James Woods, Manager

zinc content in excess of
100%. If you can make
an electrostatic separation
of this ore I will send you
some of the concentrates
later, and a large enough
shipment to make a
working test.

The property is located
in California, 7 miles
from a railroad and
six miles from

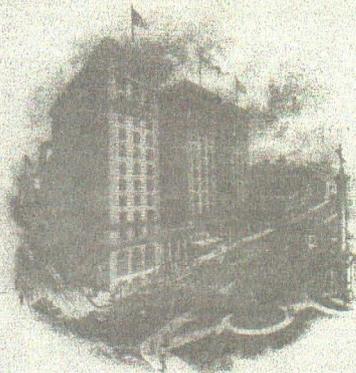


ICAL MANUSCRIPT COLLECTION



American Zinc Co., Walter G. Swart Files Folder
Nevada

Cable Address: "SICNARF" San Francisco
WESTERN UNION TELEGRAPHIC CODE.



Hotel St. Francis

San Francisco

James Woods, Manager

an electric power line
No mill of any kind on
the ground.

Kindly let me know the
result of your test on this
sample

Very truly

P. M. Shelley

Address

523 Bayview Bldg
San Francisco



L. W. SMITH, PRES.
Resident Agent, State Agent and Transfer Syndicate
CARSON CITY, NEV.

M. BERNARD, SEC.
501 Balboa Building
SAN FRANCISCO, CAL.

PINE GROVE GOLD MINING CO.

LOCATION OF WORKS: PINE GROVE, NEV.

San Francisco Cal. March 3 1912
H. R. LOW
RECEIVED
MAR 20 1912
ALBERT
3/20/12 HRS
280

American Zinc Ore Separating Co.
1218 Foster Bldg.- Denver Colo.

Gentlemen,

About a month ago I sent to you by mail a sample of heavy massive sulphide ore, carrying about 20% zinc, 6% copper, and about \$12.00 in gold and silver values. I was of the opinion that you could make a separation of the zinc by your electrostatic process.

Up to date I have not heard from you. Will you kindly let me know if you can make a satisfactory separation of the sample which I sent to you, or is it not amenable to the electrostatic process.

The sample was addressed to Mr. W.G. Swart

Yours very truly

P. M. Shelley

Address 523 Balboa Bldg.

