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July 31st, 1939

Messrs. J. C. Barr & F. H. Diebold
Yarnell,
Arizona

Gentlemen:

On the evening of Saturday, July 29th, we had a long conference in reference to the Barr-Human prospect during which I examined assay maps and other data, also samples of the various formation rocks which you brought with you.

I have twice visited this property and looked it over in a very casual manner taking on each occasion a few samples which were indicative rather than representative of values found in various portions of your workings.

I have never made any thorough investigation or sampling of this mine which could form the basis of a professional report but from what I have seen and my general experience with other deposits of a similar nature and from the data which was presented at our recent discussion, I have reached a tentative opinion which is not at all favorable to the future of the said prospect and I do not believe that it will be to your interest and the interest of your associates to continue spending money in further development.

In other words, present showings and information which you have given me seem to indicate that the chances of developing a profitable gold mine are not sufficiently good to justify future expenditure inasmuch as the probability of opening up a body of pay ore has become poorer during the past few months in spite of the careful and conscientious work which has been done to date.

It is understood that this letter is written as Mr. Diebold's request and based, as set forth above, upon casual visits and examination of data brought to my office and not upon any careful engineering inspection on the ground which inspection might cause me to change my views but I understand that this is not desired at the present time.

Yours very truly,

I am still prepared to examine your mine as per previous agreement at any time that you may desire.

J. M. S.

GMC:MF

*Your kind & wish to have me do so
I am.*

Monte Cristo file

April 17, 1934.

Mr. W. W. Linsba,
Manager, National Gold Mining Company,
Prescott, Arizona.

Dear Sir:

I am part owner and represent the other owner of the Monte Cristo Mining claim near Groom Creek. A portion of this claim I have leased to Ed. McCarthy who tells me that he wishes to make a small shipment to your mill in the near future.

This is to advise you that in case such shipment is made, 10% of the value of same should be withheld from settlement with McCarthy and paid to me by check drawn in my favor, accompanied with a copy of the settlement sheet.

I am sending copy of this letter to McCarthy who will no doubt confirm these instructions.

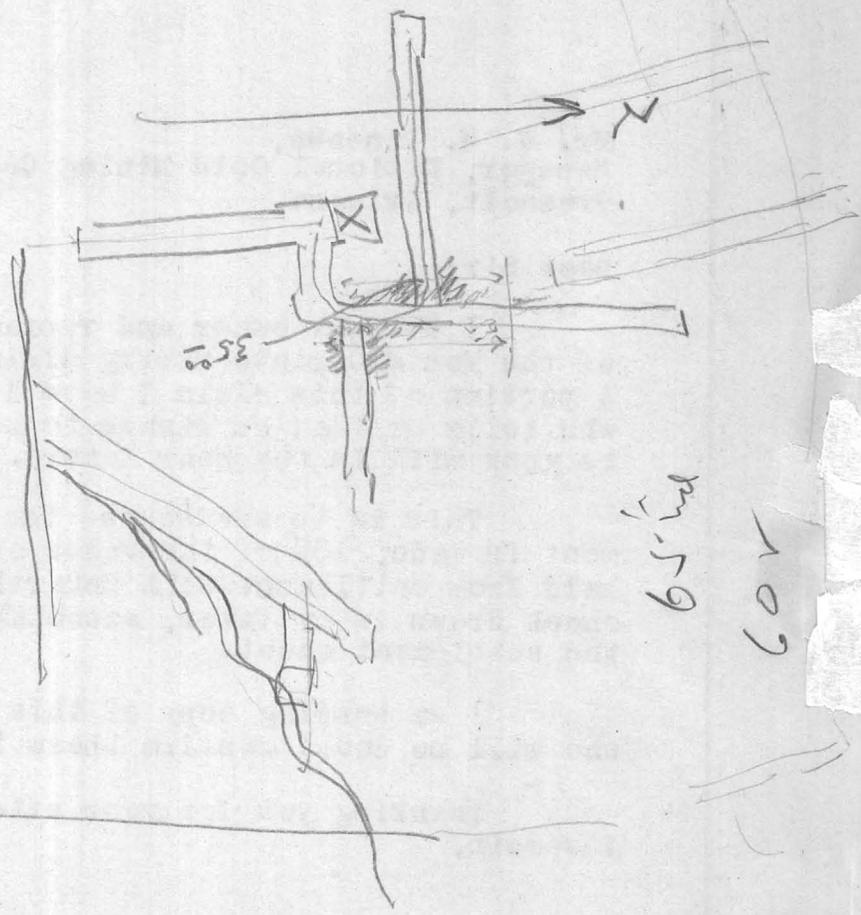
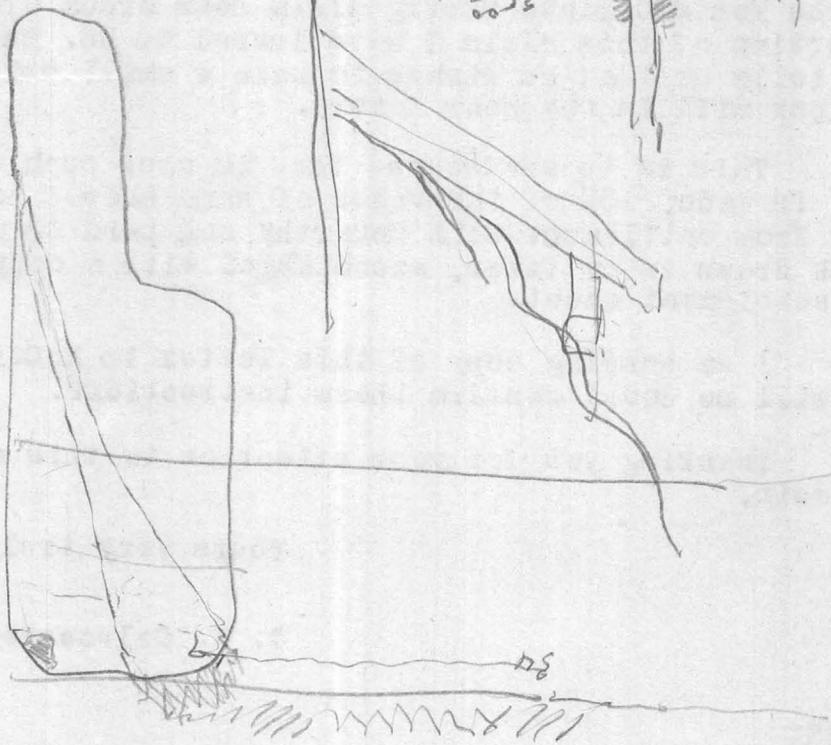
Thanking you for your attention to this matter, I remain,

Yours very truly,

G. M. Colvocoresses

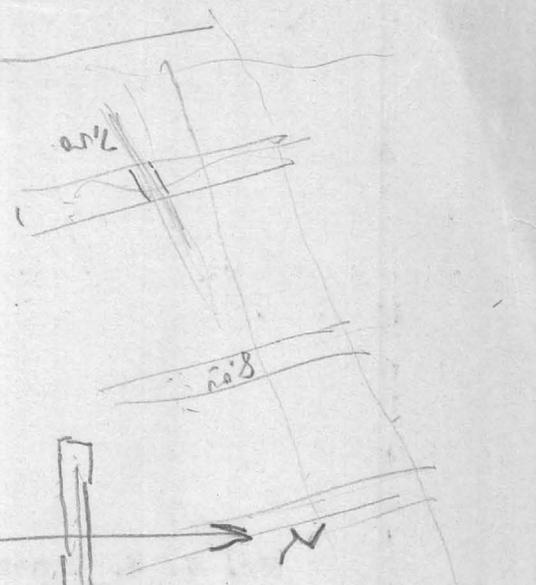
GMC/HC

20



65.14

60r



Barr - Human file

J. C. BARR
YARNELL
ARIZONA

h. a.

June 26, 1939

Mr. George M. Colvocoresses,
1102 Luhrs Tower,
Phoenix, Ariz.

Dear Sir:

Thank you very much for your favor of the 21st.

We sank the shaft to a depth of 83 ft. encountering a vein of shipping ore on the east side of the shaft which had a much flatter pitch than the general pitch of the country rock. We again encountered this ore in the cross-cut ~~xxxx~~ taking off at the 66 ft. level. We drove a cross-cut a total distance of 55 ft. parallel with the line of the shaft. We then went back into the east wall of the cross-cut and started a drift to the east following a well defined fracture which we took to indicate the strike of the formation.

We were governed in the selection of the driving of this drift by the condition of the ground which unfortunately took us under the vein.

The values in this country rock ran from \$1.40 to as high as \$5.60. This could be considered as ore only on a big scale operation.

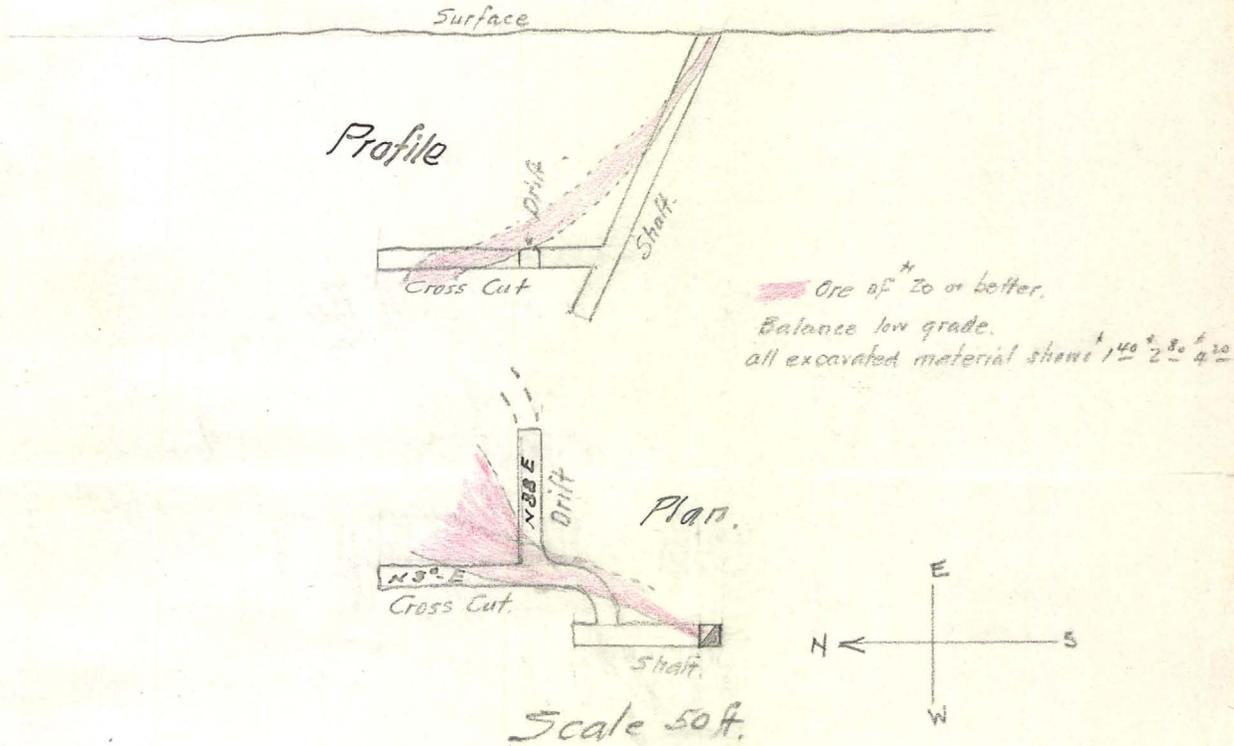
We are changing the direction of the drift from N 88 E to more nearly on a line with the surface strike of the formation, which is N 69 E.

If you are at all interested we will keep you posted from time to time on what we are doing, but in the meantime we will always be glad to see you any time you find it convenient to visit us.

The work will be closed down Saturday night July 1st until Thursday morning July 6th, with time out for the 4th. I mention this because you intimated in your letter that you might come here sometime in July.

There is undoubtedly a large body of low grade ore here owing to the fact that out of probably 150 assayed samples we have drawn only three blanks.

page 2
Mr. Colvocoresses
June 26, 1939



Unfortunately our work is at too shallow a depth to prove up much, but my operations are governed entirely by the amount of money that I have to spend.

The thumbnail sketch herewith will give you some idea of what we have done.

yours sincerely,

J. C. Barr

JCB/jf

NOTES RE BARR-HUMAN MINE

Visited April 19th, 1939 with Mark Gemmill, George Human, Joseph Barr - Yarnell Hotel, Yarnell, Arizona.

Located about $1\frac{1}{2}$ miles by road from top of Yarnell Hill, claims adjoin those of Yarnell Mine,- see map.

Country is granite with wide shear zone parallel to the Yarnell Zone in which rock has been altered, crushed and decomposed and impregnated with iron-oxide (limonite) quartz and perhaps manganese.

Surface showings only partly developed by a number of shallow pits and some trenches and one shaft 20' deep from which a 40 ton car was recently shipped to Magma and ran just over \$20.00 per ton.

Strike of zone about N. 70° E. and width varies but on flat near shaft there appears to have been a cross fissuring and it is said that ore shows over a width of 450'.

Length of outcrop 4500' on claims which have width of 1800'.

Assays from 26 surface pits in flat \$1.40 to \$7.00 average about \$2.00. Elsewhere outcrops and pits where granite is altered and honeycombed give values up to \$15.00.

Barr thinks that ore may have width of 60' or more and length 4000' which would represent 20,000 tons for each foot of depth and should average better than \$5.00 per ton.

This would make a huge mine if values went down and bottom of shaft is said to have averaged \$15.00 while unsorted pile of ore from shaft and pits ran \$18.00.

My sample: (1) should run \$14.00 (*taken at B₂ in map*)
" " (2) " " 25.00

Actually #1 ran \$10.50 and #2 ran \$17.50, both much better than I had expected.

Showing is interesting and unusual but danger is that there has been merely a surface concentration similar to a placer which has impregnated the rock as it weathered away and that surface values, (which may have come from erosion of Yarnell Hill), except along narrow seams or in pockets, will disappear rapidly as depth is gained.

Possibilities of showing can be more definitely estimated when shaft has gone down 100' and when pits or drill holes have been put down at several points to similar depth or until values fade out.

Gold said to be fine but all free milling. Try to visit again soon.

G.M.C.

If ore is similar to Yarnell mine it may require cyanide treatment. Water supply is likely to form a serious problem.

BARR-HUMAN

May, 1939

A. B. Peach visited this property about May 4th, 1939 and panned a number of samples but had no assays made. His general impression was entirely unfavorable.

He obtained good colors only from some rotted granite in the shaft heavily stained with iron-oxide and from similar material taken from some of the surface pits and outcrops but most of his pannings were practically blank.

Says that Barr is still most enthusiastic and seemed surprised that I had not written him or returned after my second visit. Says that Gemmill is now associated with Barr and will try to raise some money.

G.M.C.

June 19th, 1939

Mr. J. W. Neill of Pasadena, a friend and associate of Barr called and said that the shaft was now down close to 90' and recent samples averaged about \$7.00 per ton. Gold is still contained in the granite with no sign of any quartz vein or well defined mineralized zone.

Barr fears that his Pittsburgh financial backers may drop him at any time and would welcome some other association.

G.M.C.

BARR HUMAN

Revisited with Lambie 4/30/39 and talk with
J. H. Barr and his assistant Flory.

The claims in this group are as follows:-

Wonder Gold in which shaft is located.

Wonder Gold #2
Oro Fino
Bessie G. Fraction
Millsite (40 acres)
Last Round Up #1, 2, 3, & 4.
Dewey Fraction
Eureka Gold
Eureka #1.
Magma Gold
East Magma Gold

All claims are unpatented and some are on State
land and held by lease from the State.

Shride owns the patented claims Desert View which
is surrounded by the Barr-Human group and Shride will sell
all mining rights to them at nominal figure.

Shaft head frame and bin now completed, also hoist
house in which small hoist and portable compressor are in-
stalled and bucket is working in shaft. Have also erected
a small office building.

Shaft now sunk to depth of 26' and inclined at
angle 66° to N. 10° W.

All in broken and altered granite but seems to follow
a strong slip or bedding plane on foot wall. Most alteration
and fracturing along hanging wall of shaft which is 6' wide by
9' long.

My sample (#3) cut at depth 20' across both ends of shaft assayed only .04 oz. = \$1.40 while sample (#4) cut at same depth across hanging wall ran 0.22 oz. = \$7.70. This would indicate that only pay values are along hanging wall or perhaps further into hanging wall which is much altered. 35/02

Barr said that average value of all material mined while sinking the shaft was \$9.47 per ton while the car load of picked ore which was shipped ran \$20.40 per ton.

Perhaps the pay-shoot is dipping into the hanging wall or all values may be decreasing as depth is gained. The granite rock shows very little mica but much quartz, feldspar and hornblende or augite. Possibly some tourmaline, so that it is more or less of a pegmatite.

On surface there is much quartz and jasper float.

My sample (#5) was cut for length of 20' in trench which lies 30' to north of shaft. Sample was taken along the top of the rotted granite 1 to 2' below the surface and directly under the loose top-soil which seems to be derived from erosion of granite and some lava rock such as is found overlying the granite near summit of Antelope Butte.

Assay of #5 was .01 oz. equals \$0.35 which does not check at all with \$15.00 sample said to have been taken by Neil of Pasadena, but apparently Neil took all his sample from one spot near east end of trench where there may be a little vein carrying all the values.

Barr says that his pit #3 (see map) assayed \$5.60, his pit #24, 6' deep, assayed 0.70 and his location pit, 8' deep, assayed \$7.00. From all the other pits he now says that the loose top soil assayed about \$1.40 and the rock about \$2.80. (I doubt if proper samples have been taken from any of these pits.).

By sample #6, taken from outcrop of rotten and iron stained granit^u which is supposed to represent the northeast extension of the shear zone, _____ 1000' N. 65° E. from shaft. Assay, Gold = trace.

This outcrop seems to have a width of over 100' and on it was sunk the location pit of the Bessie Fraction to depth of 8'.

Took grab sample from dump all around this pit.
Assay = trace.

Judging from these last two samples no pay ore extends on the surface to this section of the property.

It seems probable that the better values in this ground are either confined to seams or lenses in the main shear zone which Barr has outlined in pencil on his map or that the values are derived from cross veins one of which may intersect the shear zone near the shaft while another may cross near the southwest outcrops (marked \$14.00 on map) from which I got my samples last week.

On neither supposition would it be likely that any large body of pay ore will be found and the showing must be classed as unattractive, altho worth watching, pending further development.

Barr stated that he was being financed (apparently only to a very limited extent) by some of his friends in Pittsburgh especially one man with whom he is now on bad terms. Any new parties wishing to sit in the picture would first have to arrange to buy out these associates or take over their interest in some manner but Barr thinks this could be done at a small cost, my guess is that the investment of his Pittsburgh friends will be limited to \$10,000 or less which is not likely to get them very far or definitely prove or disprove the value of the property.

An engineer named Raymond Brooks from L.A. (listed in A.I.M.E. as from New York) has visited the claims and tried to deal for an interest but terms which he offered or proposed were not acceptable to Barr & Human.

Last October, Authur Bendelari and Morton of the Eagle-Picher paid a social visit to the showing and had a few samples run for Barr,- apparently they were not interested in doing anything with it.

Barr states that across the Dewey Fraction there is a similar shear zone in the granite with outcrop width of 600' and that this will assay \$4.20 per ton (Greatly doubt the accuracy of this statement).

Have written Hardinge and Perry in respect to this property but not justified in advising any expense or attempt to deal until more work done and future value (if any) can be more definitely forecast.

If worked at all it might be in conjunction with the Yarnell (which may merit more investigation) and the Alvarado and Comet.

No. 48 Co

Phoenix, Arizona,

CHAS. A. DIEHL

May 1 39

ARIZONA ASSAY OFFICE

Phone 3-4001

315 North First Street

P. O. Box 1148

This Certifies That samples submitted for assay by Mr. G. M. Colvocoresses contain as follows per ton of 2000 lbs. Avoir.

MARKS B. H.	SILVER		VALUE (Oz.)	GOLD		VALUE (Oz.)	TOTAL VALUE Of Gold and Silver	PERCENTAGE				REMARKS
	Ounces	Tenths		Ounces	Hundths	\$35.00						
3				.04		\$1.40						
4				.22		\$7.70						
5				.01		\$.35						
6				Trace								
7				Trace								

Charges \$ 5.00

Assayer Arizona Assay Office. *[Signature]*

No. 45 Co

Phoenix, Arizona,

CHAS. A. DIEHL

Apr 21 39

ARIZONA ASSAY OFFICE

Phone 3-4001

315 North First Street

P. O. Box 1148

This Certificate That samples submitted for assay by Mr. G. M. Colvocoresses contain as follows per ton of 2000 lbs. Avoir.

MARKS	SILVER		VALUE (Oz.)	GOLD		VALUE (Oz.)	TOTAL VALUE Of Gold and Silver	PERCENTAGE				REMARKS		
	Ounces	Tenths		Ounces	Hundredths									
						\$35.00								
H. B. #1				.30		\$10.50								
H. B. #2				.50		\$17.50								

(Small pieces of antimony with 300' S of cap)
large " " " " 250' " " " granite hills
iron oxide
& manganese?

Charges \$ 2.00

Assayer Arizona Assay Office. C.A.D.

VIA AIR MAIL

Barr Human file

May 4th, 1939.

Mr. Fred J. Searls, Jr.,
Newmont Mining Company,
14 Wall Street,
New York, New York.

Dear Searls:

I have just received letter from Mr. Hardinge dated May 3rd of which he has sent you a carbon copy and I certainly appreciate your willingness to gamble \$200.00 on the basis of my letter to Mr. Hardinge of April 24th.

However, I have re-visited the property described in that letter and on May 2nd wrote Mr. Hardinge again (and doubtless he has already shown you that letter) explaining that the result of my second investigation was not satisfactory to me and that I would not feel justified in spending any more money for further investigation just at present nor in asking anyone else to contribute to such a project. I do feel that the development on this prospect will bear watching and I shall try to visit it from time to time but I am now inclined to believe that the apparent width of the mineralized zone at right angles to the strike of the zone is due to a cross vein and that elsewhere the width of pay ore is comparatively small.

To explain a little more fully to you and to Mr. Hardinge, to whom I am sending a carbon copy of this letter, the mining prospect in question is known as the Barr-Human; Human being the old prospector and Barr the retired engineer from Pittsburgh. It is located not far from the top of Yarnell Hill only a short distance south of the Yarnell Mine and northeast of the Alvarado which is a little gold mine that is making a very creditable record. Joralemon, who was consulting engineer for the Alvarado, has given me a very favorable impression of this property and I am personally quite familiar with the surrounding district, particularly the Yarnell and the Congress which latter mine lies some six miles to the southwest.

In all this section there are wide shear zones of altered granite and although the values at both Congress and Alvarado are in well defined veins, there are elsewhere surface showings that indicate the possibility of a wide-spread distribution of gold but so far the average values found have been too low grade to make them attractive.

In the case of the Barr-Human, it appeared that there was a chance for a large body of \$10.00 ore and the first

Mr. Fred J. Searls, Jr.

-2-

May 4th, 1939

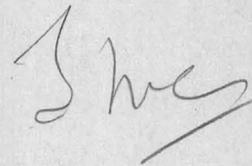
samples which I took confirmed this impression but my second lot of samples ran considerably lower and indicated the presence of the cross vein mentioned above. The shaft had a depth of 26 feet last Sunday and a sample cut across the hanging wall ran \$7.70 but samples along the foot-wall and sides were considerably lower grade so that it also appears likely that the values are decreasing as depth is gained although I should not want to base judgment on that point until the shaft has gone down to a considerably lower depth.

The present owners have a very limited capital at their disposal and will probably call for help before long but, in my judgment, they will have to improve the present showing to a considerable extent to make the prospect really attractive.

Again thanking you for your interest in this matter and regretting that I cannot report a more favorable situation, I remain

Yours very truly,

GMC:MF



May 4th, 1939

Mr. H. W. Hardinge
Hardinge Company
122 East 42nd Street
New York, New York

Dear Mr. Hardinge:

Once again many thanks for your interest in this matter and please note carbon of letter which I am writing Searls today.

It is at least good to know that the Newmont people would be willing to take a gambler's chance on a small scale and perhaps you may wish to talk to them in reference to the Harqua Hala or some of the other properties which you discussed with me in Phoenix. We both know that one must expect many disappointments in any quest of this nature and I am sure that Searls will fully recognize that fact and not feel that I had appeared to go off 'half-cock' when writing you on April 24th.

Personal regards.

Sincerely,

GMC:MF

HARDINGE CONICAL MILLS
THICKENERS - CLARIFIERS
COUNTER CURRENT CLASSIFIERS

RUGGLES-COLES DRYERS
BATCH, TUBE AND ROD MILLS
CONSTANT WEIGHT FEEDERS



BRANCH OFFICES
NEW YORK CHICAGO DENVER
SAN FRANCISCO
MAIN OFFICE AND WORKS
YORK, PENNSYLVANIA

a

Via: AIRMAIL

PLEASE ADDRESS REPLY TO
122 E. 42ND ST., NEW YORK, N. Y.

May 3d, 1939.

Mr. George M. Colvocoresses
Mining and Metallurgical Engineer
1102 Luhrs Tower
Phoenix, Arizona

My dear Colvo:

Referring to yours of the twenty-fourth bearing upon the gold property in the Congress mine district.

I have just returned from a call today upon Mr. Fred Searls, Jr., of the Newmont Mining Company, 14 Wall Street. I showed him your letter.

Like other men of his calibre, in mining matters and the fact that he knows you (and perhaps somewhat upon my own confidence in you), his decision was quick and to the point and to the effect that his company would put up the \$200 you mention as preliminary direct expenses for further data, but would not at present commit the company in any manner beyond this \$200, and subject to further details from you, and provided, of course, the property is not already tied up to others.

Based upon the above, I suggest that you communicate directly with Mr. Searls, to whom I am sending a copy of this letter.

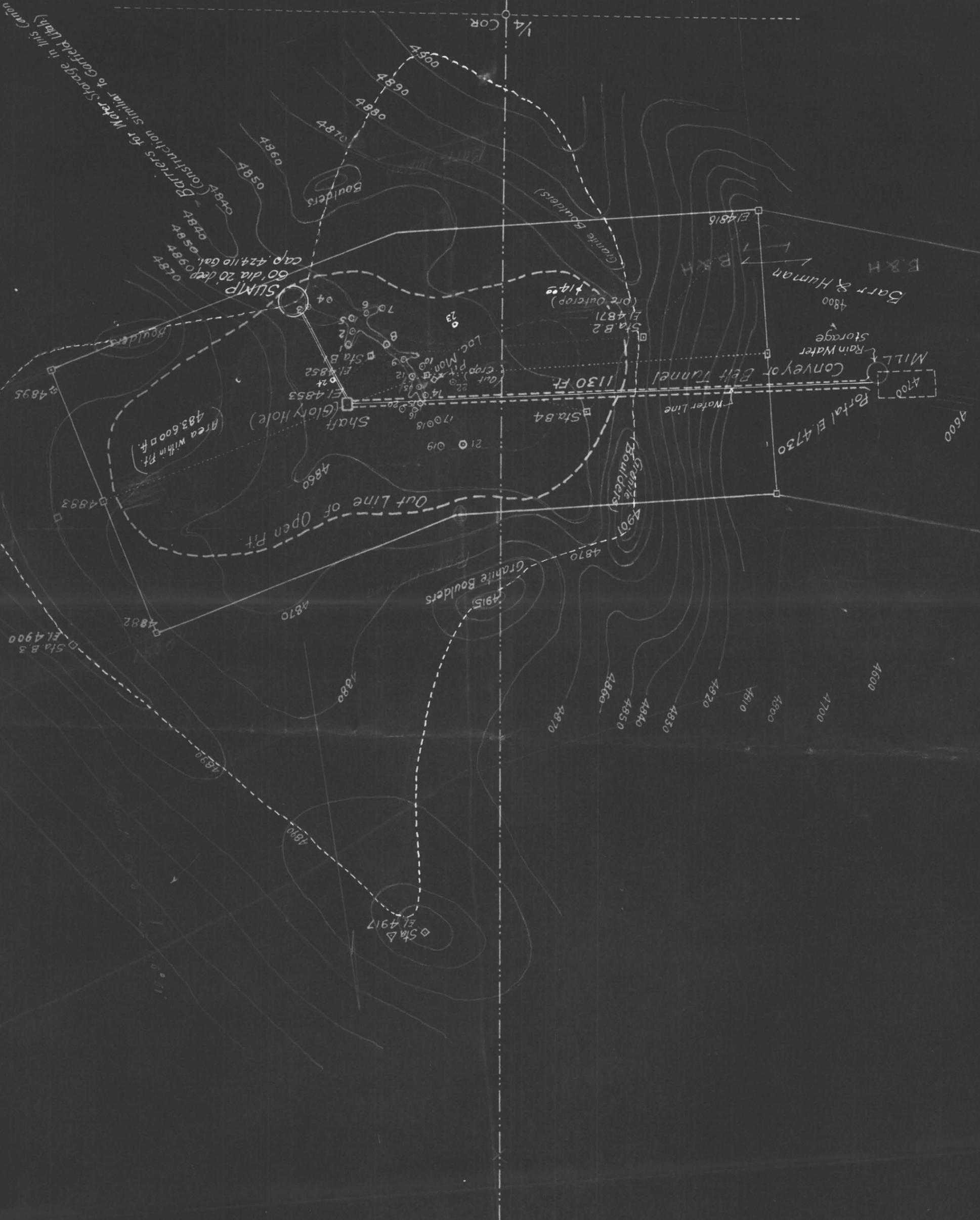
With best wishes to you and Mrs. Colvo,

Sincerely yours,

H. W. Hardinge

H. W. Hardinge

HWH:JL
CC:Mr. F. J. Searls.



Barrers for Water Storage in this Canon
 Barrers for Water Storage in this Canon

Area within Pt.
 483,600 sq. ft.

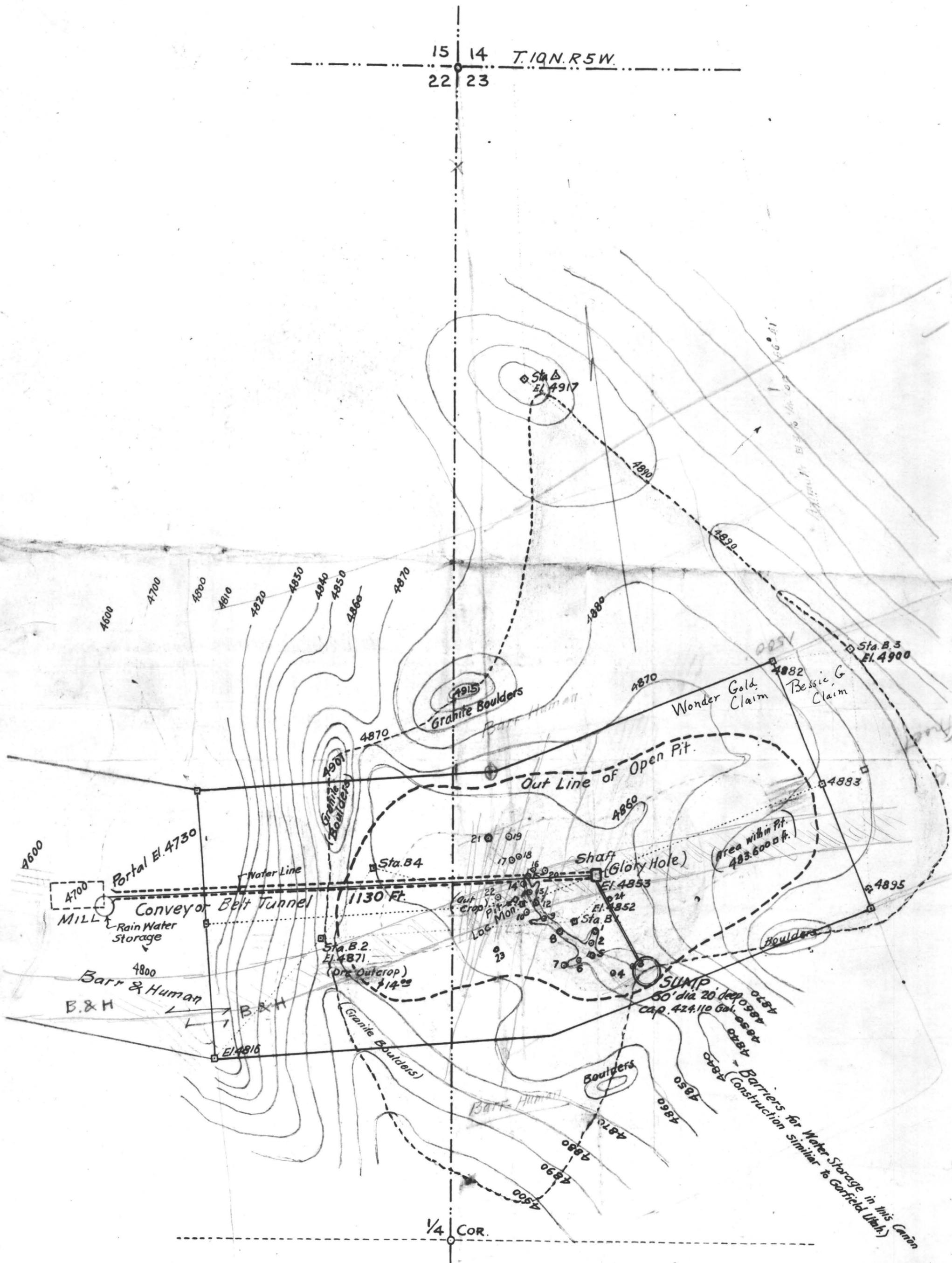
Out line of Open Pt.

1130 Ft.

Portal El. 4730

15 14 T10N.R5W
 22 23

15 14 T. 1 Q. N. R. 5 W.
22 23



Scale 200' = 1"

Bar - Human

