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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: BLACK ROCK

ALTERNATE NAMES:
- BLACK ROCK GOLD
- OLYMPIA PATENTED
- BROOKLYN PATENTED
- RED MOUNTAIN GROUP
- COPPER BELL

YAVAPAI COUNTY MILS NUMBER: 400D

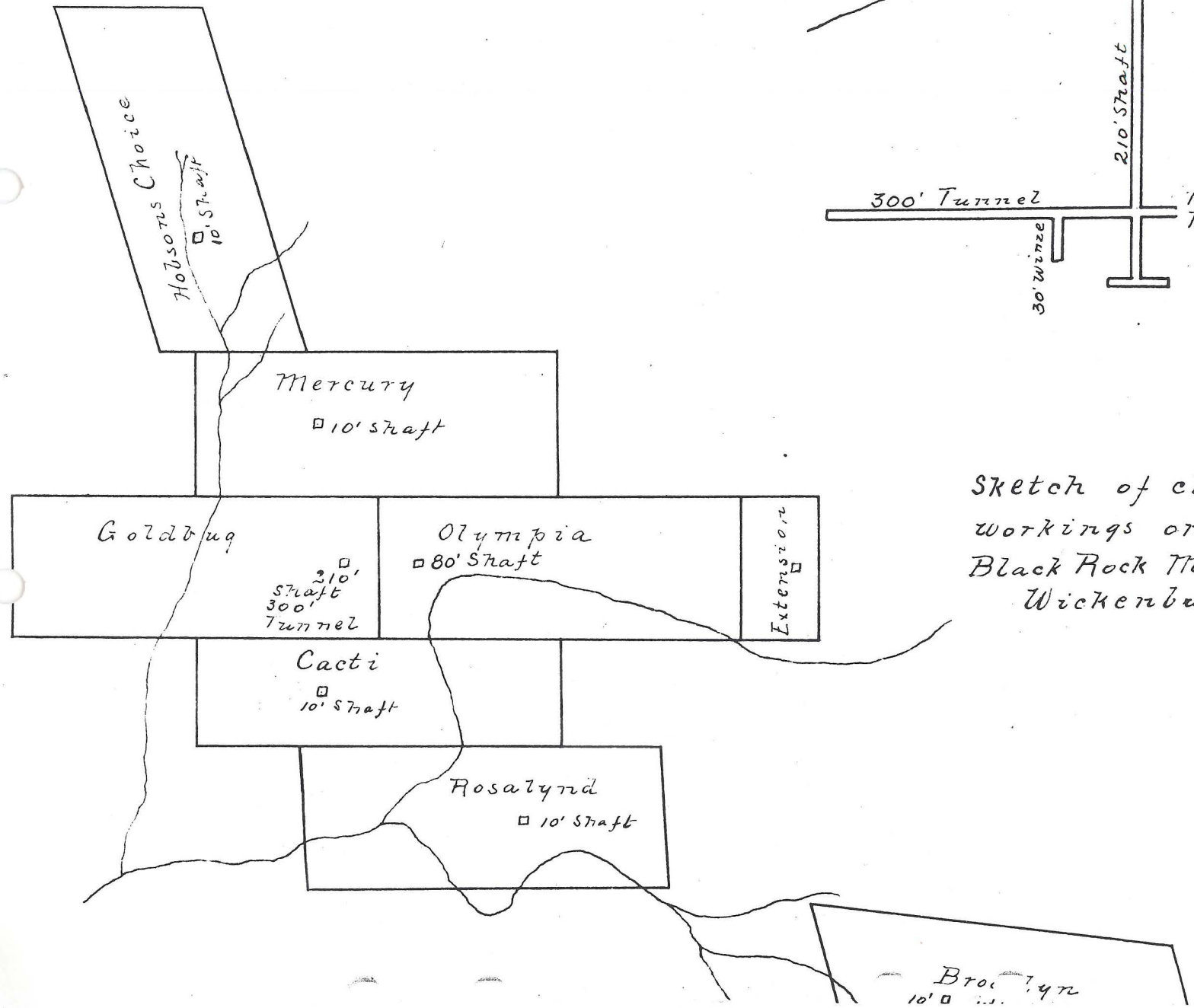
LOCATION: TOWNSHIP 9 N RANGE 3 W SECTION 33 QUARTER SW
LATITUDE: N 34DEG 04MIN 25SEC LONGITUDE: W 112DEG 34MIN 55SEC
TOPO MAP NAME: MORGAN BUTTE - 7.5 MIN

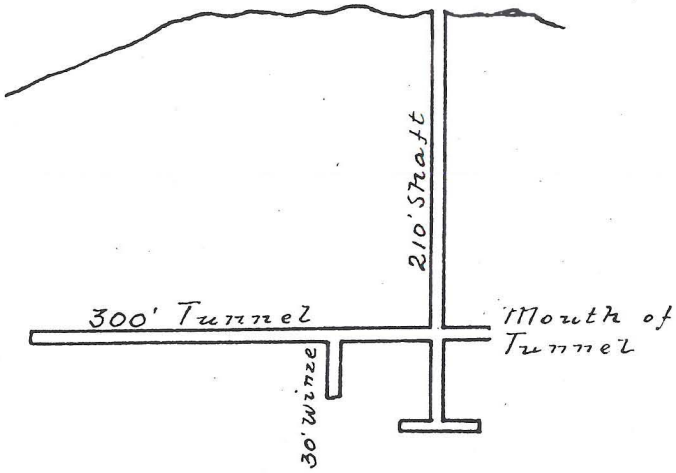
CURRENT STATUS: PAST PRODUCER

COMMODITY:
- GOLD
- LEAD
- COPPER OXIDE
- COPPER SULFIDE
- SILVER

BIBLIOGRAPHY:

- ADMMR "U" FILE YAVAPAI AU-35
- ADMMR "U" FILE YAVAPAI CU-24
- WISON, E.D., ET.AL. AZBM 137 1967 PP 63-64
- BLM MINING DISTRICT SHEETSS 259, 256
- USGS MIN. RES. OF US PART 1 1907 P 182
- COPPER HANDBOOK VOL 7 1907 P 368
- CLAIMS EXTEND INTO SEC. 4 T8N-R3W
- ADMMR BLACK ROCK FILE





Sketch of claims and workings on Goldbug Black Rock Mining Co Wickenburg, Ariz.

McIntosh Group.

This group exposed no ore in two shafts of 135 ' and 110 ' containing several drifts and crosscuts. It consists of six claims.

Witherly Group.

This property has an 400 foot tunnel following a small ledge in porphyry which trends northeast and southwest. The ore, a quartz porphyry carries a small percentage of sulphurets. A general sample from the tunnel shows:

Sample No.--	Gold	.02 per ton-oz.
	Silver	.28 oz. per ton

Black Rock Mining Co.,

This company have a group of ten claims located on and near Slim Jim Gulch, about two miles from the Hassayampa. Patents have been applied for on the Mercury, Gold Bug Cacti and Hobson's Choice. The ore is a white quartz in a granite and syenite country and shows small amounts of Galena and Iron pyrites.

A considerable amount of money is represented in buildings and machinery but comparatively little has thus far been devoted to development work.

L. A tunnel 300 feet long crosscuts the vein at 170 feet where it meets a well timbered double compartment shaft running to surface and below the level for 40 feet. This lower 40 feet is filled with waste. A short distance beyond the shaft a 30 foot winze follows a 2 foot streak of

heavy iron sulphide ore of which sample shows:

		% Copper	Ounces per ton Gold	Silver
No. 9. Heavy iron sulphide		1.94	.34	.72
No. 10. Selected Galena	Lead %	27.37	.28	7.62

The company is now installing a Holderman cyanide plant for ore treatment and claim ample tonnage. Time was lacking to sample the work systematically without which no conclusion could be offered on such an investment. The development is assuredly small for the erection of a plant, but the values reported but not corroborated are large.

General Conclusions on the District

The territory covered being that generally bounded by the Hassayampa on the west and the Yavapai-Maricopa County line on the south is northeast and tributary to Wickenburg at present.

In general the north lying and remote properties the Powell White and Black Rock properties are at present free milling propositions, which will need considerable development to show any considerable sulphide or concentrate shipments.

The Interior (O'Brien's) and the Keystone will in the main be concentrating propositions.

For the immediate present the rest will be exclusively shipping propositions until development demonstrates the final character of developed ores. Many will or may be concentrating at water level but none probably free milling.

In general even where sulphides are seen on surface the rock often horns well. The veins in general are strong and the porphyry dykes giving contact deposits, frequent.

Iron bearing quartz is frequent, and it carries mineralized sulphuretted ores of copper, at least sufficient to be noticeable, and suggest the inference of shipment of siliceous copper ores.

Almost no work had been done to determine the permanency of the ore deposits at depth, but the Interior certainly must be noted as a very favorable discovery.

It would be impossible to positively and accurately assure tonnage for a railway, but it is inevitable that a saving would be effected on present freight costs as well as the important item of fuel, so that if a road will contribute to any other purpose, the mineral development will surely be a large additional factor. This was the final opinion of John K. Mackenzie after reports from H.T.Murray and C.E.Nicolls

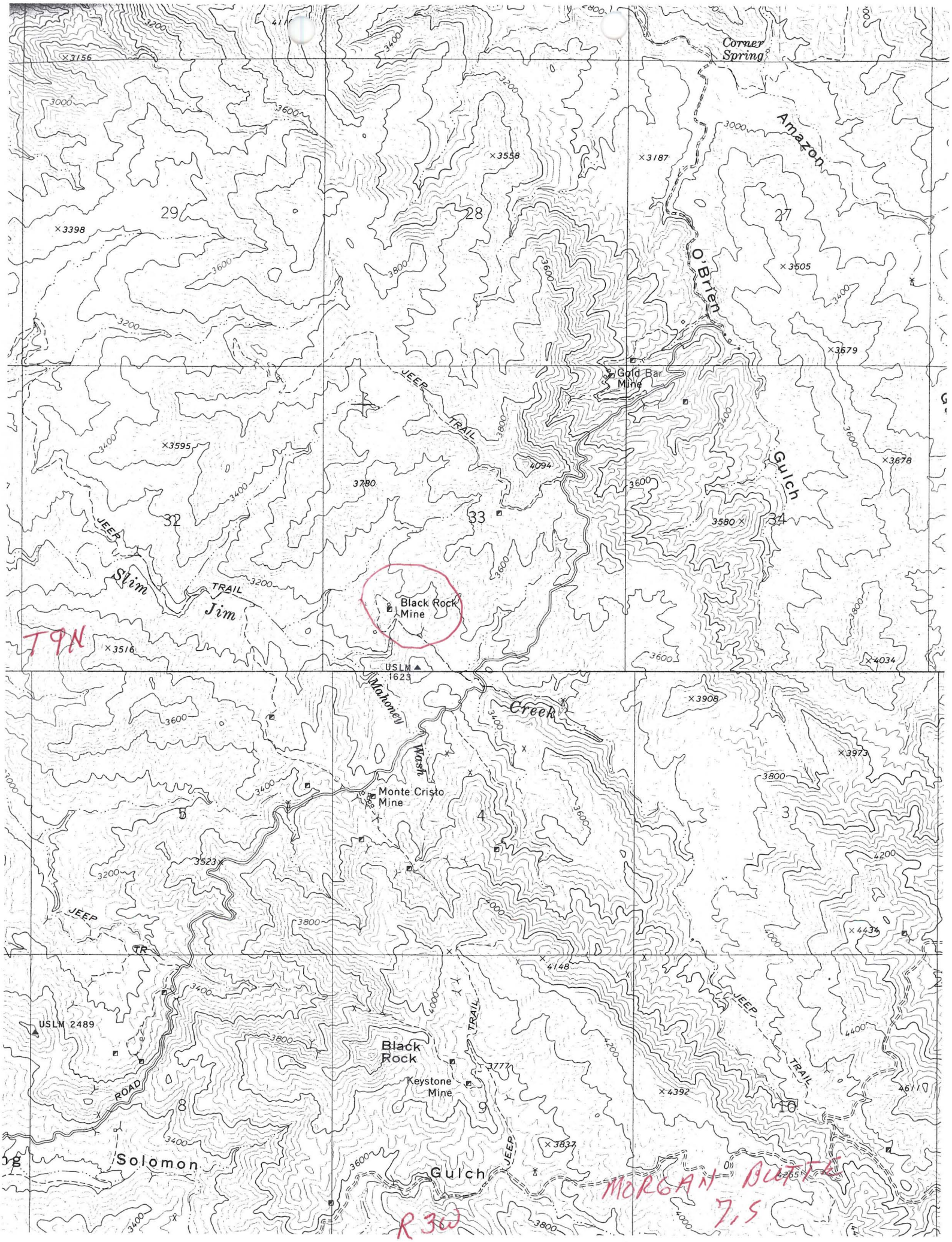
Respectfully submitted,

Dickman,Mackenzie & Potter

Signed R. N. Dickman

J.K.Mackenzie.
Henry T.Murray.
C.E.Nicolls.

Chicago,Ills. Jan.20,1905.


Corner Spring
Amazon
O'Brien
Gulch
Gold Bar Mine
JEEP TRAIL
Slim Jim
JEEP TRAIL
Black Rock Mine
T9N
USLM 1623
Mahoney Wash
Creek
Monte Cristo Mine
JEEP TR
USLM 2489
ROAD
Black Rock
Keystone Mine
JEEP TRAIL
JEEP TRAIL
Solomon
Gulch
JEEP
MORGAN BUTTE 7.5
R 3W

Wickenburg Miner: F. McLean arrived at Wickenburg Tuesday morning, and is getting ready to sink at least two hundred feet in the old shaft of the Black Rock, Ltd. This was considered to be one of the big low grade gold propositions of the district, since the surface shows an immense tonnage of decomposed granite carrying from one to four dollars in gold. As a matter fact there are several large hills of this decomposed granite, all of it carrying more or less gold, the most encouraging values, however, coming from the bottom of the shaft, which is about a couple of hundred feet deep. The property has been handled in the past like a great many others where all of the money has been spent on top of the ground instead of below. There has been practically no development done on the property since 1902 when Mr. McLean put down the present shaft. The work done since then consisting of a surface tunnel and the building of a mill and several houses. It is pleasing to note that Mr. McLean is an ardent believer in deep mining in this country, and under his management along these lines it is quite probable that big things will happen at that camp especially since it is learned that the last ore taken from the bottom of the shaft shows remarkable values in silver, copper and gold. Mr. McLean is authority for the statement that he himself took the sample across the bottom of the shaft, which after being assayed by three different eastern assayers, averaged up better than $27 per ton, the higest values being in copper and silver.

Prescott Courier: It is said that the Black Rock Limited, which paid off its men and shut down, some time ago, owing to the illness of its superintendent, is far from being a "dead one." In fact, the management are so well pleased with the showing in the mine—having cut through 35 feet of pay ore a little while before the cessation of work—that they are financing the proposition upon a larger scale than heretofore. It is expected that in about two months the mines will resume operation and will employ a larger force of miners than in the past.

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Three Properties Now Claiming a God Deal of Attention

(Special Correspondence)

WICKENBURG, Feb. 22.—The Black Rock, Ltd., is reported to be pushing ahead, and the high-grade ore which was struck a few weeks ago still continues, and there is an enormous amount of this grade of ore in sight. The lately discovered strike consists chiefly of a huge ledge of copper glance ore, which also carries excellent values in gold and silver. This is to be one of the large mines of Arizona.

The Canadian company organized as the Black Rock Limited, who did considerable work upon the large low grade ore body originally owned by Sam Powell, state that they intend starting work again and developing the property in accordance with the original intentions.

Wickenburg is a good district and with sound mining judgment exercised there should be no reason why she should'nt have half a dozen successful properties operating close in the vicinity.

MAR - - 1915

THE BLACK ROCK, LTD.

A correspondent furnishes us the following data concerning the property of the Black Rock, Ltd., mine, which is situated near Constellation postoffice.

The surface showing of the property is such that anyone in search of mineral would stop, at least for a time, to investigate it. It shows a mineralized zone 4,000 feet long and 500 feet wide. The surface rock is feldspar and quartzite, with intrusions of diorite. The whole deposit is highly colored with red oxide of iron, and in several places copper glance and stain is seen. The mineralized zone is cut lengthwise by a diorite dyke, and this dyke is cut, evidently at a later date, by a series of mud seams, crossing at almost right angles to the strike of the zone. The only important work of development is a shaft 350 feet down. The deposit is leached below the level of the bottom of the shaft, but in sinking the last 100 feet several hard boulders of unoxydized ore were encountered. It is expected to encounter vast quantities of this kind of material after the true water level is reached, which it is thought will be done with another 100 feet of sinking.

The property carries gold, silver and copper in values ranging from $10 to $28 per ton.

It is understood that the company, which is a Canadian organization, was all ready to proceed with further development last fall, but the opening of the European war so altered their plans that no definite knowledge of when they will resume operations is to be had.

BLACK ROCK, LTD.

This property is located about twelve miles northeast of Wickenburg, two miles west of the Monte Cristo and one mile north of the Grijalva Nueva property, on the Hassayampa River, in the Black Rock mining district, and is owned by a Canadian company operating under the name of the Black Rock Mining & Milling Company, Limited. P. J. Watt of London, Ontario, who has made a success of mining in the Cobalt is President and Frank McLean of the same city is Secretary. Sam F. Pow-

BURG MINER

dyke is cut, evidently at a later date, by a series of mud seams, crossing at almost right angles to the strike of the zone.

The main shaft is equipped with an air compressor, engine and hoist. The camp has quarters for operatives and officials and has a gravity supply of excellent water [illegible]

ell, the original discoverer and locator of the property, is in charge as General Manager and Superintendent.

The main shaft is 360 feet deep on the incline with numerous drifts and cross-cuts, which Mr. Powell states are all in ore carrying gold, silver and copper. The deposit is said to be leached at the bottom of the present workings, but in sinking the last 100 feet several large boulders of unoxydized ore were encountered and the management expects to encounter large bodies of this class of ore at the water level. The surface rock is feldspar and quartzite with intrusions of diorite. The whole deposit is highly colored with iron oxide and in several places copper glance and stain are seen. The mineralized zone is [illegible] lengthwise by a diorite dyke ar[illegible] [illegible] and cop[illegible] [illegible] cement for a [illegible] of capital. He was free to express himself yesterday over conditions at the Black Rock, and said:

"We are operating as the title indicates, on a limited basis, so far as ownership of the group is to be considered, and we are not stocking the shares. The showing at the greatest [illegible] reached,

BLACK ROCK MINING & MILLI Co.

YAVAPAI Mavico Pol

a very great body of copper ore which is of concentrating character. A cross-cut at the 300-level is said to expose an ore body 100 feet in width, carrying copper, gold and silver. The company has two Huntington mills, and will put in concentrating tables. The present shaft will be sunk to a depth of 500 feet. It is equipped with an excellent hoist, which at a later day will be used in sinking a vertical working shaft.

Tombstone Prospector: R. A. Roberts of Wickenburg is closing a big mining deal for properties in the Black Rock district, near Prescott, which he has owned for several years, performing a large amount of development. Mr. Roberts states that other deals are pending and the outlook for a very lively winter is encouraging.

Forms New Company

Sam Powell, who promoted the Black Rock Limited Mining company, whose properties are situated near Constellation, states the new syndicate is on the ground ready to begin a large line of exploration, with ample capital on hand.

Sinking the main shaft to a depth of 500 feet, with a system of drifting and cross-cutting, is the plan of operating, under the personal management of Frank McLean, a retired capitalist of London, Canada, who has arrived and taken charge of the group. The price paid was not given publicity, but is said to range into the thousands of dollars. Gold, silver and copper values are carried in the ores and the limited development performed by the former owners is reported to give the proposition an attractive rating. H. H. Keays, of Groom creek, has the contract to sink the main working shaft and has gone to begin the work.

Black Rock Limited

It is reported that in the property six miles above Wickenburg on the Hassayampa a body of ore twenty feet wide has been encountered in the workings and richer than any yet met with. The ore consists of chalcopyrite and chalcocite carrying gold values. A Canadian company is now operating the property.

Superintendent H. H. Keays has returned from the camp of the Black Rock Limited Co., which concern after completing a large line of deep development, has suspended operations until October, owing to a large volume of water being encountered. He states the main shaft has reached a depth of 250 feet, from which drifting 600 feet discloses a fine body of gold and copper ore.

Before work was suspended a few days ago, the drift was in 40 feet of ore, and this determination it is believed practically solves the creation of a paying property for the future. A big pump has been ordered and in the fall it is the intention to begin shipping. President McLean also is enthusiastic over results accomplished, and returns when operations start up again. The Black Rock is situated near Constellation in a belt where other mines are atracting very much attention.

WORKINGS.

Frank MacLean, president of the Black Rock Limited Mining Co., has returned from his camp near the Monte Christo and confirms the strike made last week as reported by his superintendent, and which is occasioning very much comment in the Constellation country.

MacLean brought to Prescott a large line of samples from the discovery, of a red oxide in character, which, he states gives average values in a 42-inch vein of $23.15 in gold to the ton. Mr. Maclean stated further:

"This determination is remarkable for the reason that at a depth of 425 feet the free milling ore was encountered, and as yet there is no indication of a sulphide coming in. The samples cut from the vein were close and the values are fair. The pay-streak lays in the granite, and we now propose to drift on the 425-foot level for several hundred feet until that condition is passed through, and the porphyry dyke is entered. My company is closely controlled and we resumed only a short time ago after a suspension of several years."

The Black Rock people first entered that field over eight years ago, when extensive prospecting was given, with shallow shaft workings. The company now proposes to operate on an extensive basis. A reduction plant is under construction.

The Black Rock, Ltd., Mining and Milling company, is taking some of the bitter from the sweet, the latter being in the form of four feet of $23.90 free milling gold ore at the 460-foot level, says the Hassayampa Miner. The work at this property for the past few months has been driving a crosscut on the 460 level to reach the hanging wall. On the way a wide sulphide zone was crossed and some pockets of high grade silver were encountered, finally cutting the gold vein above noted. Mr. Kiser, the company's engineer, visited the property a few days since to sample and study the new conditions and as a result of his visit it is stated the shaft will be sunk to the 800 level at once. The bitter part of the company's experience is that the company's experience is that the cloudburst on the 10th washed about one hundred tons of muck into the workings and demolished a part of the boarding house, also badly damaging the road down the mountain. The owners, a Canadian company, are to be congratulated in their strike, as they have shown their staying powers and faith in their property, by sticking to the work and realizing that depth was necessary to attain their ends. It must be remembered by every prospective investor in this district that the ground is "deep" and the days of grass root running are gone. The district is no place for those who would find a mine with a ten foot hole.

The Black Rock, Ltd., Mining and Milling company, is taking some of the bitter with the sweet, the latter being

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Persistent rumors of a strike at the Monarch mine have been in circulation of late. From the best informa-

BLACK ROCK, LIMITED

Authoritative advices state that the management of the Black Rock, Limited, Mining and Milling Company, whose property is located about twelve miles northeast of town, on the Hassayampa River, is raising a fund of $150,000 for the further development of that property. Most of the work is proposed to be done by diamond drills. New York capitalists are said to be backing the company in this move, and numerous inquiries from them have been received locally as to the value and general reputation of the property.

Wickenburg Miner: Authoritative advices state that the management of the Black Rock, Limited, Mining and Milling Company, whose property is located about twelve miles northeast of town, on the Hassayampa river, is raising a fund of $150,000 for the further development of that property. Most of the work is proposed to be done by the diamond drills. New York capitalists are said to be backing the company in this move, and numerous enquiries from them have been received locally as to the value and reputation of the property.