

3850 0006

Hunt - Arnold Coll.

(40) 5

REPORT ON

THE RUBY HILL MINE

ITEM 6

The property was incorporated under the laws of the State of Nevada, June 9th, 1908. Capital One Million Shares, fully paid and non-assessable. Par Value \$1.00.

LOCATION:

The Ruby Hill Group of claims is situated in the Pine Nut Mining District, East side of Carson Valley, Douglas County, Nevada, and lies in Sections 1 and 12, Township 11 N. Range 21 E. The Mine is fourteen miles by wagon road southeast of Gardnerville and Minden. Minden is the present terminus of the Virginia and Truckee Railroad, the nearest shipping point. Minden is at an elevation of 4,751 feet; that of the Mine 6,500 feet.

EXTENT:

Six full mining claims 600 x 1500 feet. Name of Claims: RUBY HILL, GLADSTONE, CUPEL, ARIZONA, FLORES and REDEMPTION.

GEOLOGY:

From a geological standpoint, the surface of the group may be divided into three main areas; at the south end porphyry out-crops forming a very large hill; north and east of this area is one of andesite breccia, which forms a hill to the East of the Ruby Hill Group. North of this flow porphyry out-crops are again found, which cover the main portion of the Ruby Hill Group. This porphyry varies from a very fine grained rock on some parts of the Ruby Hill claim, to a very coarse quartz porphyry. In the old tunnel on the Ruby Hill claim is found shale and along side of the shale to the west is schist. These formations dip to the West and strike north about forty degrees west. They can be traced east of the road but north westerly they pass beyond the side lines of the group, and the shale croppings probably become larger as the hill

THE RUBY HILL MINES

DESCRIPTION OF

to the north is dolomitic lime stone.

DEVELOPMENT :

Development to date consists of the main Ruby Hill shaft, which is about 140 feet deep and was sunk on an incline of about forty-six degrees to the west, with three working levels. The sixty foot level has about 200 feet of development; on the 100 foot level where most of the work has been done, development amounts to about 350 feet. On the third, or 120 foot level, only a small cut and drift has been started (Refer to Map). In tunnel No. 2 on the Ruby Hill claim there is about 450 feet of development work completed. In tunnel No. 1 on the north slope of Ruby Hill about 300 feet has been completed.

This tunnel was started with the intentions of connecting with the 100 foot level driven north from the main shaft. It necessitates a further drive of about 200 feet to connect with the 100 foot level about 275 feet below the apex of the hill.

CHARACTER OF ORE:

The character of the ore developed by the main working shaft is malachite, azurite, cuprite, and occasionally clusters of black oxide. On the same claim near the center of the east side line, a cross-cut tunnel (No. 2) has been driven about 350 feet; at a point about 300 feet from the portal a cross-cut has been driven about fifty feet in each direction from the tunnel line. This tunnel has exposed an ore body some 160 feet in width, including gouge, which shows the many characters of sulphide, such as chalcopyrite, bornite, and gray copper. All faces are still in the same material. As yet, this ore body has not been properly mapped. However, a sampling of this ore body gave a total average value of 1.76% Copper. It is my opinion that this ore body will eventually prove to be the most important part of the property. There are several other ore bodies at different parts of the property which

are not accounted for in this report.

EQUIPMENT:

The property is equipped with a gasoline hoist good for five hundred feet or more. Pumping plant with plenty of good water on the Mine property. Blower and air pipe; blacksmith shop, Boarding-house, bunk-house, all equipped. Assay Office; three other cabins and barn, ore bins, cars and T rail.

FACILITY OF OPERATION:

The property is most favorably located for the economical mining and milling, being located in the hills above the rich Carson Valley, where all material and farm produce can be had at very reasonable prices. Near the mine there is an abundance of wood for domestic purposes. Within six miles of the property electric power can be had from a local company, or within ten or twelve miles the Truckee River General Electric Company's line which furnishes power for Virginia City and the Mason Valley Mines.

RESERVE AND RECOMMENDATION:

The property has approximately 64,000 tons of carbonate ore practically developed by the Ruby Hill shaft, allowing thirteen cubic feet per ton, and has an average value of 2.96% Copper, carrying small values in both Gold and Silver, and about 150,000 tons of sulphide ore, with an average value of 1.76% copper with reasonable assurances. Plainly discernable from an examination of this sulphide ore body, which was cut through at about the mean water level, it is reasonable to suppose that with a little more depth the values would become more concentrated, giving a vast ore body of fair grade milling ore.

The property has recently been equipped with a small leaching plant about thirty tons capacity, using the sulphuric acid process. The plant has been in use but a very short time. However, enough ore has been treated to satisfy the owners that the carbonate

and of the only collector.
 Mineral, 2. The amount of lead ore found in the
 1913. The ore has been estimated at 100,000 lbs.
 and is of a high grade of 10% lead.
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LOG OF DRILL HOLES.

On the Ruby Hill Claims there were put down four Churn
 drillsholes, three on the Ruby Hill claim and one on the Arizona
 claim, viz:

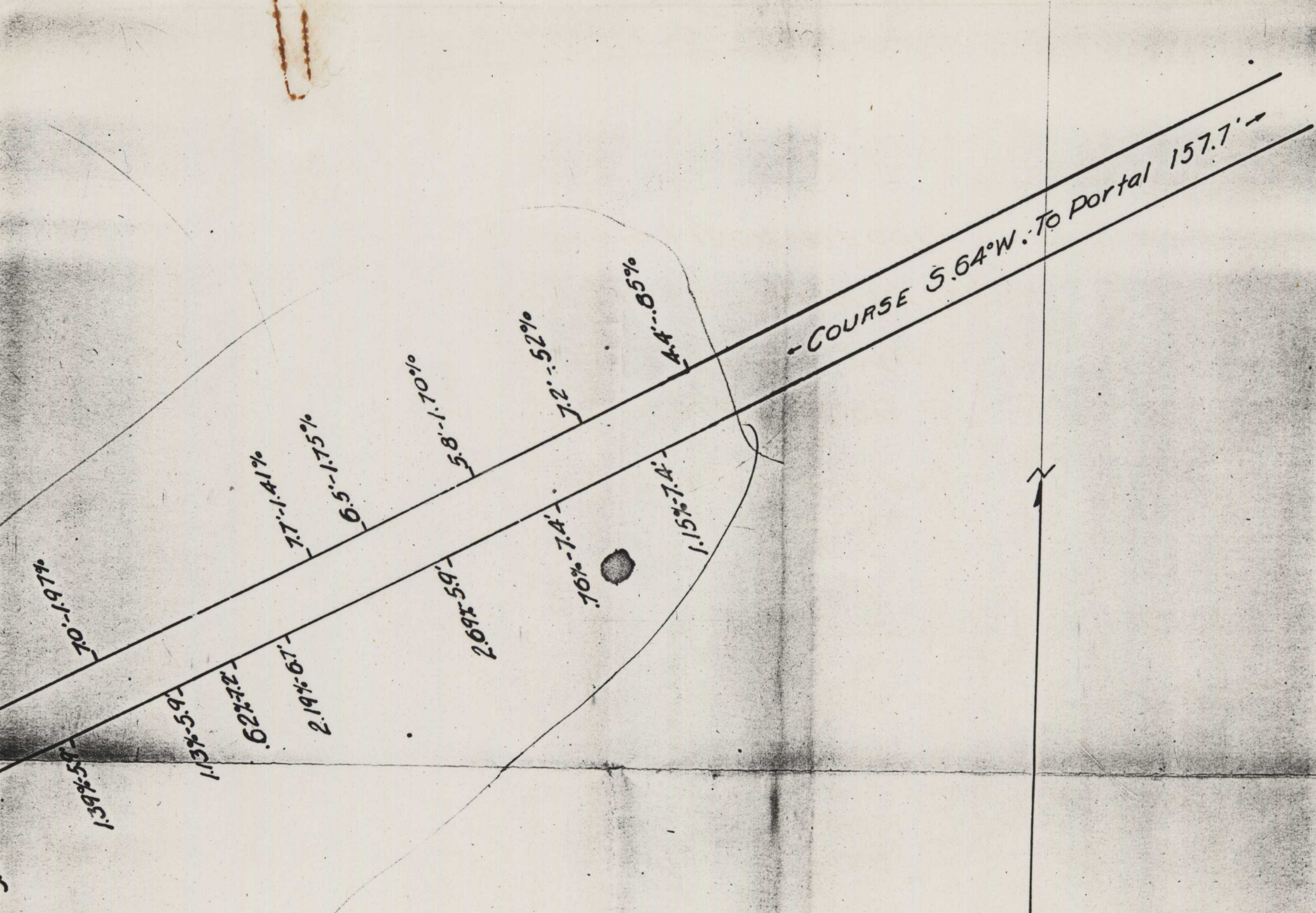
Drill Hole #1:	214 feet deep,	average 37 samples-	0.30 cu.
" "	#2 135 feet deep,	average 18 "	1.82 cu.
" "	#3 175 feet deep,	average 41 "	.71 cu.
" "	#4 200 feet deep,	average 39 "	.41 cu.

RUBY HILL GOLD & COPPER MINING COMPANY.

STATEMENT.

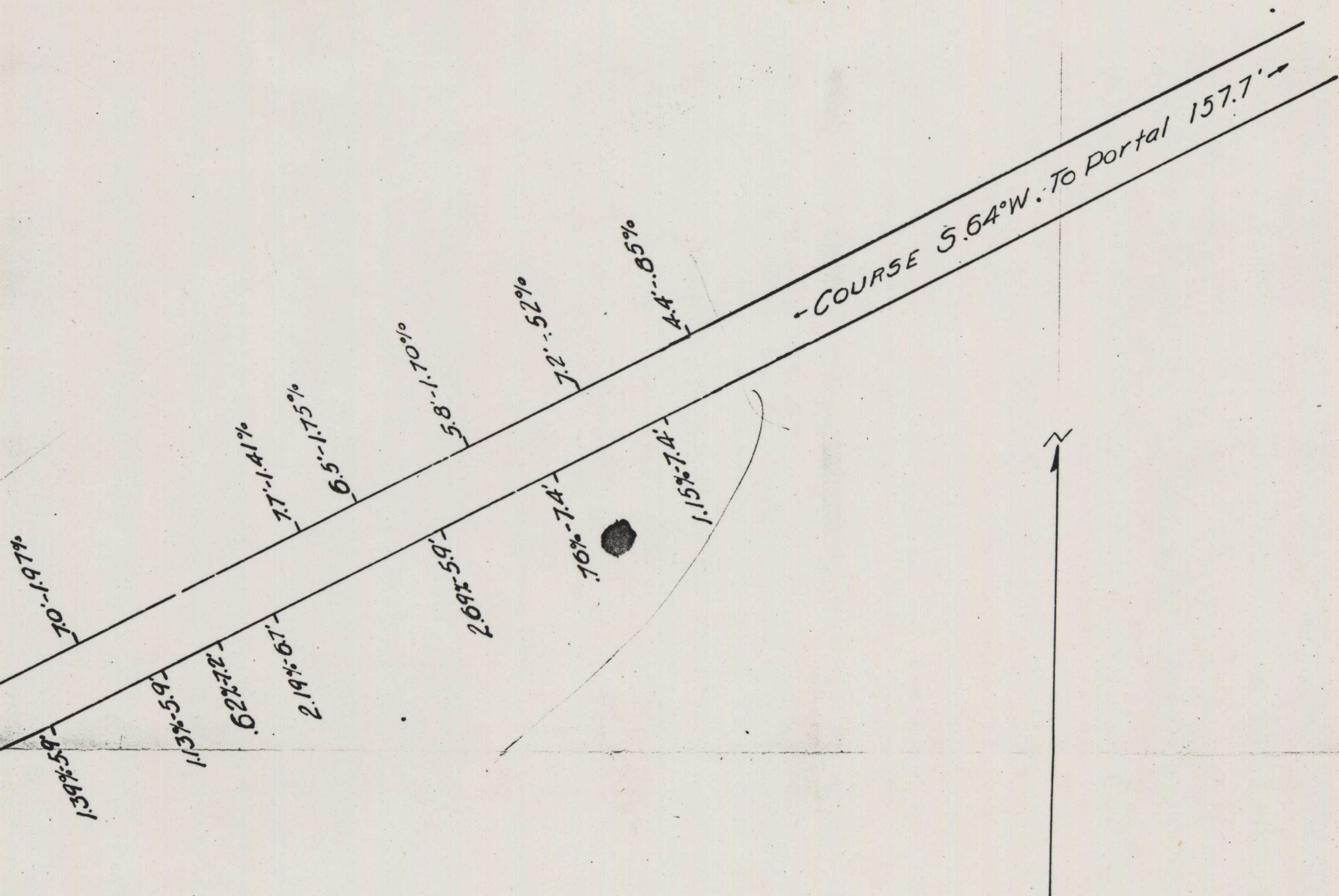
Capital stock - - - - -	1,000,000 shares
Original Treasury	400,000 "
Total Amount Issued to Date	756,275 "
Balance in Treasury	243,725 "
Present Indebtedness	None
Value of Equipment	\$5000.
Amount of Development to date	1,050. ft.
Stock Standing in Name of R. C. Walker,	
Approximately - - - - -	475,000 shares.

(SIGNED) R. C. WALKER



ASSAY PLAN
 TUNNEL NO. 2
 RUBY HILL MINE
 DOUGLAS COUNTY NEV.
 Scale 1 inch = 10 Feet.

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ASSAY PLAN
 TUNNEL NO. 2
 RUBY HILL MINE
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 Scale 1 inch = 10 Feet.

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extended 17:32
0.12%

