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Hunt-Sill Coll

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AV

Oakland Group.

(33)

ITEM 37

Consists of three claims: The Oakland, San Mateo and Gold Reef. This property was once known as the "Red Cliff". The vein is a contact vein, the only contact vein in the district. This property is 2.5 miles northeasterly from Searchlight, Nevada, Post Office, and good road to the property.

The footwall of the Oakland vein is Monzonite Granite and the hanging wall Porphyritic Andesite. The strike of the vein is Easterly and the dip to the South.

The major amount of development was done on the Oakland where the vein is from 5 to 10 feet wide. The original shaft was sunk on an incline to a depth of 85 feet where durther sinking was impracticable without installation of pump to handle the water encountered.

The lower part of the Incline Shaft has caved to some extent, but could be cleaned and caught up at no great expense. However, A vertical shaft was sunk to the vein at a point 75 feet West of the main shaft and drifts run East and West at water level. This vertical shaft verifies statements as to strength and continuety of the vein.

When the Incline Shaft is opened to water level, approximately 90 feet, there will be a considerable quantity of available ore of milling grade. This vein can be traced on the surface for more than 3000 feet and there are a number of North and South veins that run into the Oakland vein from the South. Undoubtedly, ore bodies of size will be found at the junction points where these North and South veins intersect with the Oakland vein.

Values: -----

A 100 pound sample of quartz taken from the dump over an area of 50 feet square gave a value of \$21.45 in gold, which value would have been higher had the silver content been taken into consideration. An average sample taken recently from a large pillar 23 feet below the surface at Incline Shaft, mud matrix included, gave a gold value of \$14.97. The ore is free-milling and an almost total gold value saving should be made by stamp-milling and amalgamation.

Water: -----

There will be ample water for milling purposes. With a block of ground opened up, the ore can be mined easily for 50 ¢ per ton and can be milled on the ground at a cost not exceeding \$2.00 per ton. Owing to splendid gouge separations, on both walls, this vein can be very economically developed and the ore cheaply stoped.

Mill-Site: -----

Splendid mill-site within 200 feet of main shaft.

Equipment needed: -----

A hoist is needed, also Cornish pump and power u-

nit for same when water-level is encountered, also gallows-frame.

Water is now found at a vertical depth of 50 feet, there now being 12 feet of water in a well a couple of hundred feet East of incline shaft

This property is susceptible of very cheap development and bears all the earmarks of making a mine.

The vein-matter is heavily impregnated with iron, as is also the Andesite hanging-wall. The quartz also shows plenty of iron in both hematite and magnetite form and also shows some manganese. Magnetite and Manganese almost invariably accompany the free gold bearing ores of this district.

To this group has recently been added the Cabell Claim, a strong ledge with splendid walls. This vein runs into the Oakland claim and a small quantity of fair ore was milled from a small stope not far from the center of the claim.

Oakland Group, Searchlight, Nev.

Price and terms: (August 31st 1933.)

Price: \$30,000.00.

Terms : \$1500.00 Cash down, with monthly payment of \$150.00.
Time : Two years. Balance to be paid on or before 2 years.

from this block \$ 18,462.00

If the surface shows like values for 200 ft. in length and the depth is also
calculated at 200 ft., the resulting figures will be 4-times the above, viz:

Gross tons: 24,616 \$196,928.00
Net Value: @ \$3.00 per ton \$ 73,848.00

MILL*ESTIMATE:

25-ton capacity:
26 days(1 month), 650 tons @ \$3.00 profit. Profit per month \$1915.00
312 days(1 year), 7800 " " " " year 23,400.00

50-ton capacity:
26 days(1 mo) 1300 tons @ \$3.00 profit. Profit per month \$3900.00
312 days(1 year) 15600 " " " " year 46,800.00

100-ton capacity:
1 day, 100 tons @ \$3.00 profit. Profit per day \$ 300.00
26 days(1 month), 2600 tons @ \$3.00 profit. Profit per mo. 7,800.00
312 days(1 year), 31,200 tons @ \$3.00 profit. " " year 93,600.00

THE OAKLAND GROUP OF MINES, SEARCHLIGHT, NEV.

Consists of 3 lode claims. Vein 5 to 10 ft. wide, where opened is about 8 ft. Values, as claimed, \$14.95 to \$21.45 per ton in gold. Is a contact-vein, footwall is Monzonite Granite, hangingwall Porphyritic Andesite. One Incline Shaft, on the vein, 85 ft. deep, where work was stopped on account of water. One vertical shaft sunk to the vein at a point 75 ft. West of the Incline, where drifts were run both East and West on the vein, verifying statements as to strength and continuity of the vein. Vein can be traced for 3000 ft. on the surface. This is claimed to be the only Contact Vein in the district. Estimates based and figured on a vein 8 ft. wide, showing continuous values along the surface for 100 ft. in length, by 100 ft. in depth, (according to known comparisons it is figured to contain like values for length and depth) would give a cubic content of 80,000 cubic feet, and allowing 13 cubic feet to the ton, would give 6154 tons.

6154 tons containing a minimum value of \$8.00 per ton in gold,	
gives a gross value of	\$ 49, 232.00
Deducting a very liberal cost of \$5.00 per ton for mining and	
milling, leaves a net value of \$3.00 per ton profit, or, net	
from this block	\$ 18,462.00

If the surface shows like values for 200 ft. in length and the depth is also calculated at 200 ft., the resulting figures will be 4-times the above, viz:

Gross tons: 24,616	\$196,928.00
Net Value: @ \$3.00 per ton	\$ 73,848.00

MILL*ESTIMATE:

25-ton capacity:		
26 days(1 month), 650 tons @ \$3.00 profit.	Profit per month	\$1915.00
312 days(1 year), 7800 " " " "	year	23,400.00

50-ton capacity:		
26 days(1 mo) 1300 tons @ \$3.00 profit.	Profit per month	\$3900.00
312 days(1 year) 15600 " " " "	year	46,800.00

100-ton capacity:		
1 day, 100 tons @ \$3.00 profit.	Profit per day	\$ 300.00
26 days(1 month), 2600 tons @ \$3.00 profit.	Profit per mo.	7,800.00
312 days(1 year), 31,200 tons @ \$3.00 profit.	" " year	93,600.00

ESTIMATED CAPITAL

to place the property in production: From \$ 12,000.00
To \$ 14,500.00

The former figure for Amalgamation Mill, the latter with Cyanidation Annex.

Distributed as follows:

Cash down payment to owner	\$ 1500.00
Repairing Incline, new timber etc	500.00
Sinking 15 ft. @ \$ 25.00	375.00
Drifting 60 ft. @ \$ 5.00	300.00
Gallows Frame, material and labor	110.00
Ore Bin, 30 tons capacity, material and labor	112.00
Hoist and Cable	225.00 ?
Scip and Car	80.00
T-Rails and fittings	45.00 ?
Pump (4 in) with Pump Rods and Engine	500.00
Water-Column, 120 ft.	40.00
Gen'l Ass't of Tools	50.00
Blacksmith-Shop	75.00
25-Ton Amalgamation-Mill (\$1400/00), Engine (\$600.00),	2000.00
Mill-Building	500.00
Labor for 90 days @ \$35.00	3150.00
Cash to owner, 3 m0's @ \$150.00	450.00
Mine-Supplies for 90 days @ \$8.00	720.00
Incidentals, Overhead and other Expenses	1268.00

	\$12,000.00
Cyanide Leaching Plant, if needed: Plant	\$1470.00
Freight & Erection	1030.00

	2,500.00

	\$14,500.00

This estimate is based on Cash prices at which, in all probability, the above mentioned machinery, good but slightly used, can be picked up in near bye mining-camps. The Cyanide Plant is estimated at 25 tons daily capacity and a 48 hour contact.