

75  
BC-695  
NEWLIN'S GULCH GOLD PLACER CO.  
DOUGLASS COUNTY, COLORADO

LIBRARY  
COLORADO SCHOOL OF MINES  
GOLDEN, COLORADO

THE NEWLIN'S GULCH GOLD PLACER COMPANY.

221-222 McPhee Building.

Phone Main 6596.

Denver, Colo., Sept. 25, 1912.

Dear Sir:

We require the services of a live individual or brokerage firm who have the ability and the necessary sinews of war to carry on an aggressive campaign.

We are setting forth, in the following pages, detailed information regarding the holdings of The Newlin's Gulch Gold Placer Company, the pioneer operating company of The Newlin Gulch District. We ask you to read, investigate and communicate with us.

The company has through its open and above-board policy brought the camp strongly into the limelight before the investing public and now requires the services of a capable fiscal agent to handle the promotion department.

We have the gold. We offer investors the opportunity of buying into a live, growing enterprise at a price far below the intrinsic value of the stock. Only treasury shares are being offered and all moneys received will go directly into the advancement and equipment of the mine and company.

We shall be pleased to give you detailed information regarding the receipts and disbursements to date, details of organization, distribution of property stock, terms of leases and bonds and other information that you may request after you consider taking advantage of our proposition to you.

Respectfully yours,

THE NEWLIN'S GULCH GOLD PLACER COMPANY.

*C. A. Conzell*

GEN. MGR.



THE NEWLIN'S GULCH GOLD PLACER COMPANY.

Incorporated Under the Laws of Arizona.

Capital Stock, Five Million Shares.

Par Value, One Dollar Each.

Full paid and non-assessable.

THREE MILLION SHARES - TREASURY STOCK.

TWO MILLION SHARES - PROPERTY STOCK.

-----  
Officers and Directors.

F. B. McFarlane ----- President and Treasurer.  
Manufacturer of Mining and Milling Machinery,  
3301-3315 Blake Street, Denver, Colo.

A. P. Smithers ----- Vice President.  
Ex-Public Examiner, State of Colorado.  
Savoy Hotel, Denver, Colo.

C. A. Coryell ----- General Manager.  
Ex-Receiver United States Land Office.  
221 McPhee Building, Denver, Colo.

B. A. Ohlander ----- Secretary.  
Manager Motor Field Magazine.  
Wahlgreen Printing Co., Denver, Colo.

J. M. Wood ----- Director.  
Public Accountant.  
Troy Hotel, Denver, Colo.

B. W. Carlson ----- Director.  
Surgeon.  
502 Wyoming Building, Denver, Colo.

F. B. Hughes ----- Director.  
Mining.  
222 McPhee Building, Denver, Colo.

-----  
General Office, 221 - 222 McPhee Building,  
Denver, Colorado.  
Mines, Newlin Gulch, Douglas County, Colorado.

-----  
Depository of Funds,  
THE HAMILTON NATIONAL BANK,  
Denver, Colorado.

### PROMINENT VISITORS TO OUR DISTRICT.

The following prominent Mining Operators, Mining Engineers, Geologists, Newspaper Editors, Educators and Capitalists have visited the Newlin's Gulch Mining District during the past few months.

Dr. V. C. Alderson, Pres., The Colorado State School of Mines.

Mr. E. J. Yetter, Pres., The Denver Chamber of Commerce.

Mr. D. W. Brunton of The American Mining Congress.

Mr. D. L. Wolcott of The American Mining Congress.

Prof. C. A. Allen of The Colorado State School of Mines.

Prof. G. C. Schneider of The Colorado State School of Mines.

Prof. M. M. Butler of The Colorado State School of Mines.

Mr. E. LeNeve Foster, Mining Engineer, Denver, Colo.

Mr. W. G. Boyle, Mining Engineer, Denver, Colo.

Mr. L. W. Sweet, Mine Operator, Denver, Colo.

Mr. H. A. Trask, Mine Operator, Denver, Colo.

Mr. H. B. Northrup, Mine Operator, Denver, Colo.

General Frank Hall, Mining Editor, Denver Post, Denver, Colo.

Captain J. T. Smith, Mining Editor, Rocky Mountain News, Denver, Colo.

Mr. N. A. Reinart, The Daily Mining Record, Denver, Colo.

Mr. W. J. Tobin of The Pioneer Con. Mines Co., Pioneer, Nevada.

Mr. E. W. Genter, The Denver Suburban Homes and Water Co., Denver, Colo.

Mr. F. V. Taylor, The United States Smelting and Refining Co., Denver, Colo.

Mr. Edward Z. Kidd, Lead, S. D.

Prof. Bancroft, Washington, D. C.

Mr. E. L. Ogden, Aspen and Denver, Colo.





**ON THE CALDON REEF.**

The foreman for the Newlin's Gulch Gold Placer is seen here holding a pan of the reef matter for panning, this material having been selected by the engineers. President Yetter of the Denver Chamber of Commerce is the tall gentleman in the foreground, and between our foreman and President Yetter is President Victor C. Alderson of the Colorado State School of Mines.



A party of investigators at the property of the Newlin's Gulch Gold Placer Company including H. A. Trask, a prominent Cripple Creek operator, President E. J. Yetter of the Denver Chamber of Commerce; W. G. Boyle, E. M.; L. W. Sweet, H. B. Northrup, Prof. M. M. Butler, geologist of the State School of Mines; James W. Caldon, mining expert and consulting engineer for the Newlin's Gulch Gold Placer Company; Ernest Le Neve Foster, E. M.; President Victor C. Alderson of the Colorado State School of Mines, and Capt. J. T. Smith, mining editor of the Rocky Mountain News.



**PANNING GOLD FROM THE CALDON REEF.**

An interested party of mining experts, geologists, capitalists and newspaper editors watching our foreman, Murray, panning gold from the Caldon reef matter. President Alderson of the School of Mines, in shirt-sleeves, stands directly over Mr. Murray closely watching the result of the panning. It showed many colors of free gold indicating the richness of the reef matter.



Albert C. Wandel, Dr. Chem.

Mining & Metallurgical Eng.

Denver, May 25th, 1912.

The Newlin's Gulch Gold Placer Co.,

Denver, Colorado.

Dear Sirs:-

With reference to my visit of yesterday, May 24th, to your property, I am glad to be able to say at this time that I am rather much impressed with the deposit as far as I have been able to judge it in the limited space of time at my disposition. Being personally acquainted with nature and conditions of the deposits in South Africa of similar character as for instance the deposit on the Witwatersrand, I have to say that I have not since my work in South Africa in my experience, met with as close a resemblance as to the character of the deposits upon which your camp is located. After visiting your property yesterday, I have determined to spend several days more upon a thorough examination of the property and certainly and gladly will give you a copy of my report to the syndicates which I represent. You will recognize that I cannot say much more at the present moment but on the other hand I would not have made up my mind to spend more of my time at your property unless I had been favorably impressed with the possibilities.

Hoping that you will reserve the optional rights to myself and my employers up to the time of my return from the property, about the middle of next week, I remain

Yours very truly,

(Signed) ALBERT C. WANDEL.



ARON M. BEAM.  
President

WM. G. DEAN.  
Secretary

F. V. TAYLOR.  
Treas. and Gen. Mgr.

U. S. SMELTING AND REFINING COMPANY.

Denver, Colo., May. 29, 1912.

Mr. C. A. Coryell,  
McPhee Bldg., City.

Dear Sir:-

I write to thank you for a very pleasant day, spent in the trip to and from, and a superficial inspection of, The Newlin's Gulch Placer.

It was a surprise to me to find that this property is not- as I had always supposed-directly a part of the Cherry Creek valley, but on the contrary, it is situated three or more miles almost due west of the junction of the Gulch with Cherry Creek. Where these two valleys come together, there is but little if any difference in their apparent extent and "the Gulch" seemingly forms quite as important a water course as the main stream.

I was informed that, while the portions of Cherry Creek above its junction with "The Gulch", showed some gold in the sands and gravels the quantity below the junction, was so much greater as to point quite conclusively to this large tributary as the main source of enrichment.

When your camp was reached and I began to look about for the primary source of the gold supply, I had to confess myself entirely bewildered. The hours between 1 P. M. and 4:30, were all too short for more than a passing inspection of the 300 acres contained within your lines. When confronted with what appears to be the fact that, dirt taken almost anywhere would pan from 1 to 50 colors, field became so large as to make a quest for the original home of the gold, a forlorn hope, within the time at my disposal.

We panned dirt from a dozen or more short tunnels, from the banks of the gulch for a mile or two and even from ant hills and while my personal efforts with the pan to which I was un-accustomed- yielded one or two blanks, the more experienced panners-who have the "knack" of the motions, appeared always to find colors.

One pan taken and panned by myself, gave 16 colors of good size, each clearly visible to the naked eye and other pans of dirt taken from the same pit and handled by different ones in the party, showed from 22 to 47 colors.

My preconceived ideas of the origin of this deposit, -formed from descriptions given me by yourself and others-, were not materially changed by this visit.

As one stands at your camp and looks around, he is surrounded on all sides, except towards the outlet of "The Gulch", by hills estimated as from 75 ft., to 150 ft. in height. These hills are made up of strata, almost horizontal, composed of sand; water worn and rounded gravel; and conglomerate beds in which similar sands and gravels are cemented together, some of them by iron oxides and others by aluminous or magnesian carbonates.

The wonder of it all is that, each one of the beds regardless of its composition, is gold bearing. Occasionally there is a stratum that would be called "rich dirt" in any placer that has ever come under my notice. The quantity of the material is "staggering" in its immensity.

Until proof to the contrary is furnished, I shall hold to the opinion that, what now constitutes your placer ground, was once in the very remote past ages, a lake-or the channel of an enormous river-subject to periodical floods and drainage or evaporation, which ultimately filled in the whole region to the level of the surrounding hills, with debris from higher lands, but lands that have since been eroded or possibly sunk in some earth subsidence that did not extend to "The Gulch"



The presence of gold-of the same general character-in all the formation, even to the tops of the hills seems to point to this conclusion.

If this reasoning is correct, you may find some remarkable deposits near the bed of the ancient lake or stream, and I shall be deeply interested in the results of the drillings which I understand you have in contemplation.

Yours very truly,

(Signed) F. V. TAYLOR.



**A New Transvaal at Denver's**  
Newlin's Gulch Africa Rand Are Quite Similar.

INVESTIGATION MADE.

**DIKE FOUND IN NEWLIN'S GULCH**  
SOURCE OF ORE

Chamber of Commerce and Colorado State School of engineers, geologists, capitalists and train- ing of the officers of The Newlin's Gold Reef of the Newlin's gold reefs of the

**THE CRIPPLE CREEK TIMES, THE Colorado's New Camp.**

**MINING RECORD**

VOL. XXIV

PRICE 5 CENTS.

ESTABLISHED 1889.

been Asleep to the Door.

INCREASES.

Story of Dis-

**MILLIONS IN GOLD LINE HILLS NEAR TOWN OF PARKER**

**NEWLIN'S GULCH VISITED BY DENVER'S CHAMBER**  
Professor G. Montague Butler of School of Mines Reports on Possibilities of the Placer Fields.

POST Yesterday Was 92,671

**ER POST**

JUNE 3, 1912.—12 PAGES. 3D EDITION.

Finding of this new Colomance. Eng was in the Rhodes in Colorado

**CHERRY CREEK VILLAGE MAY PROVE TO BE SECOND JOHANNESBURG.**

**DE**  
DENVER, COLO.



**DENVER BACK YARD MAY DEVELOP INTO RICH GOLD FIELD**

Newlin's Gulch, 20 Miles South, Believed to Be Second Rand.

REEF CARRIES \$30 VALUES

Experts Pronounce It Probable Site for Big Mining Camp.

**BUBLICAN.**

**NEWLIN'S GULCH HAS EARMARKS OF RAND SAYS ENGINEER CALDON**

An important discovery, which gives promise of developing into a gold camp of importance has been made in the Newlin's Gulch

past week was there a pan that did not show ten to two hundred colors. It is estimated by mining men who inspected this reef during the past week that the reef matter, according to an average sampling, would average 25 an ton. This reef

**INCREDIBLE RICH IS FOUND MILES FROM DEN**



**THE NEWS**  
VOL. LIII: NO. 155. DENVER, COLORADO, MONDAY, JUNE 3, 1912.—10 PAGES. PRICE 2 CENTS DAILY 5 CENTS SUNDAY

**Newlin's Gulch Yields That Pans From \$5 \$30 a Cubic Yard**



Pipe Line to Upper Pits, Where Gold Is Sluiced from the Dis-integrated Reef Matter.



Testing the Conglomerate Reef of the Newlin's Gulch Gold Placer Company.



## THE NEWLIN'S GULCH GOLD PLACER COMPANY.

### THE PROPERTY.

The holdings of The Newlin's Gulch Gold Placer Company comprises 300 acres of gold bearing ground, a total of thirty full mining claims. On this property the company has a well equipped camp and certain machinery with which preliminary operations to prove up the property have carried on.

### LOCATION OF PROPERTY.

The property is located in the Newlin's Gulch Gold Reef Mining District in Douglas County, Colorado, U. S. A. The Newlin's Gulch District and this property is about thirty miles south of Denver and four and one-half miles southwest from the town of Parker, on the Colorado & Southern Railroad.

### TITLE.

One hundred and forty acres of the 300 acres of this property are leased under bond from the State of Colorado. This bond assures stockholders of an accurate accounting of all gold produced, as reports must be made to the land board of the State of Colorado under oath. The Newlin's Gulch Gold Placer Company also has the far-reaching protection of the state against the jumping of claims and litigation over titles. Royalty 10% gross.

One hundred and sixty acres, the balance of the 300 acres are held under lease and option to purchase. This acreage will be owned outright by The Newlin's Gulch Gold Placer Company when the terms of the bonds are complied with.

### HISTORY OF THE PROPERTY.

The placer gold of Newlin's Gulch led to the discovery of the gold reef that makes this property of such great value. The placer diggings of Newlin's Gulch have been operated in the past and after years of search the source of this gold has been discovered. James D. Caldon, a mining engineer formerly in the employ of Barney Barnato and Cecil Rhodes in the Transvaal of South Africa, noted the similarity between the Newlin's Gulch District and the Witwatersrand of South Africa. Following out his theory he caused certain development work to be done upon our property and opened the Caldon reef named after him in honor of his discovery. This reef is the source of the gold that started the gold rushes to these rich placer diggings. The Transvaal of South Africa is producing approximately \$165,000,000 in gold annually, and Engineer Caldon says the Caldon reef in the Newlin's Gulch District is almost a duplicate of the reefs of the South Africa Rand.

### LOCATION OF OUR PROPERTY WITH REFERENCE TO THE REEF.

The conglomerate gold reef of the Newlin's Gulch Rand is a cemented conglomerate mass filled with rounded pebbles of sea quartz and showing free leaf gold. The reef where exposed on our property is a "basket" and is not tilted from the horizontal to as great a degree as the "basket" reefs of South Africa. Our reef has a dip of about 10% and extends through our holdings from north to south.

### REPORTS OF ENGINEERS.

The property of The Newlin's Gulch Gold Placer Company has been examined and reported upon for the company by James D. Caldon, E. M. and C. E., and by Albert C. Wandel, Dr. Chem. E. M., M. E., both of Denver.



## TWO SOURCES OF REVENUE.

Engineer Wandel in his report says The Newlin's Gulch Gold Placer Company will mill, net, \$6,000,000 in gold from the disintegrated reef matter that covers approximately 220 acres of our holdings. As to the conglomerate reef proper, he states there is a pronounced similarity between the conglomerate reefs on the Newlin's Gulch District and the Transvaal of South Africa, now producing better than \$163,000,000 in gold each year.

Engineer Caldon in his report indicates a greater value to the cemented conglomerate reef matter on our property than to the disintegrated reef matter. He says we will find a series of horizontal "banket reefs" as we get depth in our workings and that these reefs will prove richer as depth is attained, as was the case in the Transvaal of South Africa, where he spent many years, in the employ of the big financial interests, as a mining engineer.

## PLANS OF THE COMPANY.

The development of the property of The Newlin's Gulch Gold Placer Company will be carried out along the plans outlined by our engineers. James D. Caldon is an authority on reef mining. He has seen service in every mining country of prominence in the world. His field of active service covers South Africa, Australia, New Zealand, India and the principal producing camps of the United States. The reef of the Newlin's Gulch District has been named the Caldon reef in honor of this veteran engineer, who with a party of Australian miners discovered the reef of the South African Rand under much similar conditions. Engineer Caldon has charge of the development of this property and he is introducing South African mining methods in this work.

## A COMPARISON OF VALUES.

The disintegrated reef matter of the Newlin's Gulch District, according to Engineer Wandel, averages about \$3 in gold to the ton. The reef matter proper, according to Engineer Caldon, averages around \$7 per ton in gold. The reef matter of the Transvaal of South Africa is averaging around \$7.50 per ton in gold. As a matter of fact, these engineers say that the reef of the Newlin's Gulch Rand is richer at the surface than was the reef of the South African Rand at the same point.

## DEVELOPMENT WORK TO DATE.

The work accomplished at the property of The Newlin's Gulch Gold Placer Company to date has been for the purpose of determining the extent and richness of the disintegrated reef matter and the imbedded conglomerate reef. In this work about 435 feet of tunnels have been driven in addition to several open cuts, winzes, pits and numerous prospecting shafts.

## WATER DEVELOPMENTS AND EQUIPMENT TO DATE.

The water development of The Newlin's Gulch Gold Placer Company consists of the reservoir, sumps and a tunnel tapping the supply of water from the benches. The equipment on the ground at present consists of the following machinery:

- One 20 H. P. Fairbanks engine.
- One 6 H. P. gas engine.
- Two centrifugal pumps.
- One overhead four-inch iron pipe line 125 feet in length.
- Fully equipped boarding and bunk house for miners.
- Sluice boxes, screens, tools, dynamite, tents, etc.

## IMMENSE TONNAGE TO BE HANDLED.

We are going to mine along broad lines at the property of The Newlin's Gulch Gold Placer Company. In reality we have a steam shovel gold mining enterprise along lines similar to the copper enterprise of the Utah Copper Company in Bingham Cannon, Utah.



AN ENDORSEMENT.

General Frank Hall, Mining editor of The Denver Post, a Colorado pioneer and the author of "The History of Colorado," has the following to say in the columns of The Denver Post as to the ability of James D. Caldon, consulting engineer of The Newlin's Gulch Gold Placer Company;

"Engineer Caldon was one of the first to investigate the Cripple Creek gold field and to pronounce it one of the best in the world, although it had at that time only cursory evidence of being a good mining camp. Many disagreed with his conclusions, but time and development work have fully justified his highly optimistic declaration".



James D. Caldon,  
Consulting Mining Engineer.  
Member Australian Institute of Mining Engineers.  
First National Bank Bldg.,  
Denver, Colorado.

Denver, Colo., Feb. 18, 1912.

TO THE DIRECTORS OF THE NEWLIN'S GULCH GOLD PLACER COMPANY.  
DENVER, COLORADO.

Gentlemen:

At your request I have made a thorough examination of, and herewith submit my report as a result, on your property.

#### LOCATION.

I find your property located on what is known as the waters of Newlin's Gulch and Salt Creek, tributaries of Cherry Creek; about thirty-two miles southeast of the City of Denver, and about five miles southwest of the town of Parker, a station on the Colorado & Southern Railway, and about eight miles north of Castle Rock, county seat of Douglas County, on the main line of the Denver & Rio Grande Railroad, State of Colorado.

#### TITLE AND AREA.

The property being operated by The Newlin's Gulch Gold Placer Company comprises three hundred acres. This tract is covered by United States patents and is held by the company under bond and lease.

#### GEOLOGICAL FEATURES.

The country rock of the vicinity, of which the herein described property forms a part, consists of the metamorphic and eruptive formations, the eruptive having flowed from the south over syenitic and serpentine measures. In connection therewith, I find a reef of conglomerate matter, or plum pudding rock, as it is often called which runs very high in auriferous matter. At points where the creeks washed this conglomerate measure, or reef, the action of the water seems to have caused a slackening of the rock, as it might be termed, and has deposited considerable placer gold in the upper bars of the conglomerates.

The bars of this disintegrated matter vary from ten to fifty feet in thickness and all carry more or less free gold; a similar condition to that found in the Witwatersrand of the Transvaal, South Africa.

The general geological conditions of this district are, with a very few exceptions, very similar to those of the South African field; and strange to say, was discovered under very similar circumstances.

The gold of this district is in flaky form, due to the subjection of high pressure in the conglomeration; in quality, the finest that I have ever seen in the state of Colorado.

These conglomerate reefs, or measures, bend in all directions and vary in form from three thousand to five thousand feet in thickness extending through the entire property; another, similar condition to that found in the district surrounding Heidelberg, now known as Johannesburg, South Africa, the greatest gold camp in the world.

For years and years Cherry Creek, Dry Creek and Big Dry Creek, Newlin's Gulch and Lemon Gulch have been worked to a greater or less extent through placer mining; however, little was known of the underlying bodies, which, I have discovered during my visits to the property, in conglomerate matter in reef form.

#### DEVELOPMENT.

I find three small tunnels driven on the property—two to the south and one to the east, all of which penetrate the heavy conglomerate, or gravel bar of decomposed reef matter. This bench, as it



might be called, will average from \$3 to \$5 per cubic yard, placer mining.

About eighty feet in from the mouth of one of these tunnels I find a winze sunk to a depth of about twelve feet, in which they came in contact with a hard conglomerate reef, and judging from its appearance, must have run very high in values.

#### RECOMMENDATION.

I would recommend the sinking of a shaft about two hundred feet south of the present workings, to a depth of not less than two hundred feet and then crosscut the conglomerate reef, of which I have made mention, as your high values will be found in this portion of the formation; as you own about a mile's frontage along the gulch, I would also recommend the placing of a suction pump in the bed of the creek with a good line of sluices to carry off the debris, well panned with riffles in order to catch the gold. With this outlay I have no doubt but that the bed of the creek will yield from \$5 to \$10 in gold per cubic yard.

I would suggest that the conglomerate that shows very plainly on the right bank of Salt Creek be stripped by open cuts, screened and grizzled and prepared for the mill.

I would also recommend that a mill be placed at once in this ravine, to which should be attached equipment requisite for the cyanide treatment, as your ore is well adapted to such a process. One open cut in the reef should yield fifty tons of ore daily very easily; yes, even double, providing the mill could crush it.

#### CONCLUSION.

As a summary, I wish to state that you have the qualifications of one of the greatest camps ever discovered in the state of Colorado; you have a property of great merit, and as I have previously stated, the formation is very similar to that of the Transvaal district of South Africa, conceded to be one of the greatest gold camps of the world today. The immense ore bodies that were encountered in Johannesburg district keep the mills of the vicinity constantly in operation for years before they came in contact with the fissures below. I feel safe in predicting the same for this district from the indications that have presented themselves to me on my various trips to your property, as well as others in the vicinity. I am perfectly familiar with the formation of this district, having devoted many years to its study in the South African fields.

With a close adherence to the recommendations outlined in the foregoing report I feel safe in placing it before investors as a property worthy of their most earnest consideration. I firmly believe when depth is attained in the conglomerate measures the values will run much higher, as was experienced in the Transvaal. Your greatest values will be found in the concentrates in the monozite and magnetic iron, as I find considerable of these in the panning out of the same.

I would strongly suggest a shipment of two or three carloads of your ore to Henry E. Wood's plant at Burnham (a suburb of Denver), from which you can better determine the most economic and best treatment for it, as well as convince yourself of the actual values carried in the ore.

Accompanying this report you will find a small sketch, showing the large conglomerate reef.

Very respectfully,

(Signed) J. D. CALDON.



## ENGINEER ALBERT C. WANDEL'S REPORT.

From an extensive report upon the property of The Newlin's Gulch Gold Placer Company, by Albert C. Wandel, Dr. Chem., E. M., M. E., of Denver, Colorado.

Denver, Colo., June, 1912.

### LOCATION.

The property and holdings of The Newlin's Gulch Gold Placer Company are situated in The Newlin's Gulch Gold Mining District, Douglas County, Colorado, approximately five miles southwest from the town of Parker, Douglas County, on the Colorado & Southern Railroad.

### TOPOGRAPHY.

While the railroad station of Parker lies approximately 500 feet higher than the City of Denver, or at an altitude of 5,870 feet, the property itself lies approximately 250 feet higher than Parker, the country traversed from Parker consisting of slightly rising and falling plains.

The country surrounding the holdings of The Newlin's Gulch Gold Placer Company is practically all higher lying ground with large, cliff-like projecting flat-topped hill ranges of conglomerates about 400 to 500 feet in elevation above the camp bordering the course of the Newlin's river bed and small tributaries.

### CLAIMS AND ACREAGE.

The property at present under bond and lease has an extent of 300 acres, more or less, of which 140 acres are so-called Colorado School lands, while 160 acres are leased and bonded from private parties.

### GEOLOGY.

After the writer's first visit to the property he recognized it to be impossible, without a very comprehensive survey (from a geological standpoint) of the surrounding country to speak advisedly and fully in regard to the general geological conditions of the comparatively small area under discussion. The extended subsequent visit, however, showed geological conditions fairly well defined.

### THE CONGLOMERATES.

As to the conglomerate beds proper, and their value, and the possibility of milling the same, little can or even need be said at this time. It will be advisable, however, while the surface is being milled to set aside certain sums for the purpose of thoroughly drilling and exploring the hard cemented conglomerates.

As to the probable values of these conglomerates, it is only possible to arrive at a vague idea by drawing a comparison between the similarity of the conglomerate reefs or bankets of the Transvaal in South Africa, which have yielded hundreds of millions of dollars, and will in the future yield thousands of millions more. There is certainly a pronounced similarity between the two in many instances which cannot be denied, and even the low values in the surface croppings were in South Africa the same originally as in this instance, the enrichments mostly lying in the form of parallel bankets thus running up the total average.

The character of the gold and the manner in which it is contained in the sands is for the most part responsible for the writer's theory that concentration is the best and easiest applicable method of treatment, costing less initial expense, allowing of a large tonnage to be



handled by cheap methods, and without the supervision of costly expert advice as would be needed in practically any other process to be applied.

Having regarded the whole proposition during any examination from a scientific point of view, I have not paid any particular attention to the smaller details incidental to future development, as supplies, etc., and will only make the general statement that water is present in abundance the year round. Until a spur is built to the mine, firewood can be had in abundance, though coal or electric power may prove to be much cheaper ultimately. Haulage conditions are excellent.

The close proximity of Denver assures promptness in the execution of orders for supplies, etc., so that there is absolutely no reason to the writer's mind why the enterprise should not meet with the best of success under competent management and superintendency with the metallurgical operations started on a scale large enough to make steam shovel mining profitable and to reduce milling costs to a minimum.

#### FUTURE DEVELOPMENT.

With The Newlin's Gulch Gold Placer Company, it is at present naturally a question of the course of development to pursue.

With this object in view, the **writer** first determined the material which is most probably the easiest to treat and at the present time the richest in evidence; i. e., the accumulated sands and light gravels upon the area now held by the company, and found that 220 acres of this ground come under this consideration to be handled and worked first before an attempt is being made to extend operations, to mining and milling of the cemented conglomerate deposits.

The writer has certainly found the proposition worthy of the attention of any mining concerns or investors who interest themselves in large low grade propositions.

Respectfully submitted,

(Signed) ALBERT C. WANDEL.