

REPORT
ON
GOLDEN STAIRS GROUP

BY
A. M. WELLES

1909

R E P O R T

G O L D E N S T A I R S G R O U P

Humboldt Co.

Nevada.

LOCATION.

What is known as the Golden Stairs Group of mining claims is located in the Humboldt range of mountains in Humboldt County Nevada and about five miles southerly from the Southern Pacific R. R. at Humboldt station.

PROPERTIES.

The mining claims constituting this group are four in number lying contiguous and parallel, named as follows: "Katherine", "Post No. 2", "Post No. 1", and "Post No. 3". Their order is from east to west beginning with the Katherine.

TITLES.

The title to each of these claims is possessory and no steps as yet having been taken toward obtaining patent.

GEOLOGY AND ORE OCCURRENCE.

The formation constituting the Humboldt uplift at this point is in the upper portions a Diorite, in the lower portions and bordering on the sedimentary (Lime) which rises from the Humboldt Valley it appears an altered Diorite; possibly a quartz Syenite.

The vein is a fissure in this last described formation, having a width between walls of from 2 to 5 ft. The vein matter or filling is in greater part quartz tending to a laminated or ribbon structure; especially is this true of that portion of the vein

which carries values; and which values consist of gold in free form, occurring most sporadically, rich in places but barren at most points. The vein has a dip of a little over 70 degrees from the horizon.

PHYSICAL FEATURES.

The property is accessible by wagon road to a point about a half mile distant. The range and country all about is absolutely devoid of timber save a few scattering Pinon cedars.

A small stream of water arising from melting snows higher up in the range, passes within one fourth mile of the property, and at the time of this examination flows sufficient water for all domestic purposes. The main line of the Southern Pacific Railway is (as hereinbefore stated) five miles distant.

DEVELOPMENT.

The vein apexes through the entire length of "Post No. 1" claim, and is being operated under four leases, viz:

"Boland No. 1" lease commencing 400 ft. from southerly end line and extending 250 ft.

"Boland No. 2" lease being an extension of Boland No. 1. lease, and extending a distance of 250 ft.

"Stoker" lease commencing at a point 200 ft. northerly from Boland No. 2 and extending a distance of 200 ft.

"Cruse" lease commencing at termination of Stoker lease and extending to northerly end line of "Post No. 1" claim a distance of 200 ft.

The development upon each of these is as follows:

"Boland No. 1" has cross cut tunnel 142 ft. in length cutting vein at about 100 ft. in depth. A drift extends 50 ft. northerly and another 37 ft. southerly. Vein 2-1/2 ft. in width makes strong outcrop at point directly over cross cut.

"Boland No. 2" lease has cross cut tunnel 40 ft. in length to reach first vein and 26 ft. further, or 66 ft. total to reach second vein, there being two veins here, or a split in the vein proper. The 66 ft. vein has drift southerly a distance of 48 ft. and one northerly a distance of 38 ft. An upraise is being made at intersection of cross cut with 66 ft. vein and is up about thirty feet. The 40 ft. vein has a drift southerly 18 ft. and another northerly 12 ft.

"Stoker" lease vein is here opened by shaft on vein 100 ft. in depth (vein here shows a dip of 74 degrees from horizon). From bottom of shaft a cross cut is extended into hanging wall a distance of 24 ft. with no further disclosures of a vein. A drift is extended southerly on vein a distance of 41 ft., and none to the north.

"Cruse" lease is opened by cross cut 65 ft. in length, with drift on vein 20 ft. northerly, and another 10 ft. southerly. At intersection of cross cut with vein a winz has been sunk on vein to a depth of 45 ft. and a drift extended from bottom of said winze southerly a distance of 12 ft., and another northerly a distance of 33 ft. From bottom of winze there is also extended into hanging wall a cross cut 33 ft. in length with no further discovery.

SAMPLING.

	Au ozs.	Ag ozs.
No.33-Apex 2-1/2 ft. wide Boland No. 1	0.60	1.00
No.34-S. drift 15" streak " "	Trace	Trace
No.35-N. " 12" " " "	0.36	0.25
No.36-S. " 66' vein 16" streak Boland No. 2	22.80	12.40
No.37-N. " " " 14" " " " "	0.80	0.80
No.38-S. " 40' " 20" " " " "	None	0.40
No.39-S. " Stoker Lease 24" streak	"	0.50
No.40-N. " " " 36" "	Trace	0.20
No.42-N. " cross cut level Cruse lease 12" streak	"	0.40
No.43-S. " " " " " 12" "	"	Trace
No.44-N. " From Winze " " 20" "	"	0.40
No.45-S. " " " " " 12" "	None	None

REMARKS.

The peculiar feature of this property is that wherein most extraordinary rich samples or specimens of free gold ore may be found occasionally, so rich in fact as to cause the utmost enthusiasm and excitement on the part of laymen and prospectors, the remaining portion of the vein carries little or no values whatever. In its present condition, and at its present stage of development, it could only be operated at any profit whatever by leasers, and so far there seems to have been but little accomplished by this method. Leasers have been operating since June 08, in which time the only ore produced of commercial value seems to be one small lot run at a mill, said to have given good results, together with 27 sacks now stored on the Boland Lease.

At the present time the property is of no value whatever for corporation purposes at least, and there remains in my mind a

grave question as to whether any amount of further development will ever produce from these holdings ore bodies of magnitude and value in any great degree approaching a dividend paying property.

Very respectfully submitted.

A. M. Waller, E. M. C.

Sumner C. Cole
April 17th 09

KATHERINE

POST NO. 2

POST NO. 1

POST NO. 3

ASSAY CERTIFICATE
CARSON ASSAY OFFICE
 T. J. WORK
 PROPRIETOR

Mr. H. M. Miller

CARSON CITY, NEVADA,

APR 12 1909

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RESULT PER TON OF 2000 POUNDS

#	GOLD		SILVER		COPPER		TOTAL VALUE
	OUNCES	VALUE	OUNCES	VALUE AT 77¢ PER OZ.	PER CENT	VALUE AT \$ PER LB.	
1	60 100	1240 100	102 100	79 100	100	100	1290 100
2	36 100	744 100	25 100	19 100	100	100	756 100
3	22 100	471.80 100	12 100	9.24 100	100	100	479.04 100
4	80 100	1613 100	80 100	62 100	100	100	1693 100
5	7 100	100 100	40 100	30 100	100	100	70 100
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CHARGES \$ 5.00

T. J. Work

ASSAYER

ASSAY CERTIFICATE
CARSON ASSAY OFFICE
 T. J. WORK
 PROPRIETOR

CARSON CITY, NEVADA, APR 12 1909
 Mr. Wm. H. Miller

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RESULT PER TON OF 2000 POUNDS

	GOLD		SILVER		COPPER		TOTAL VALUE
	OUNCES	VALUE	OUNCES	VALUE AT \$ PER OZ.	PER CENT	VALUE AT \$ PER LB.	
#7	<u>100</u>	<u>100</u>	<u>28</u>	<u>25</u>	<u>100</u>	<u>100</u>	<u>25</u>
8	<u>100</u>	<u>100</u>	<u>22</u>	<u>10</u>	<u>100</u>	<u>100</u>	<u>10</u>
9	<u>100</u>	<u>100</u>	<u>40</u>	<u>20</u>	<u>100</u>	<u>100</u>	<u>20</u>
10	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>
11	<u>100</u>	<u>100</u>	<u>40</u>	<u>20</u>	<u>100</u>	<u>100</u>	<u>20</u>
12	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>

CHARGES \$ 5.00

T. J. Work

ASSAYER

