

REPORT
OF
DRILLING OPERATIONS & SHAFT WORK
For the Examination of
Claims between
#50 & 63
BELOW HUNKER CREEK.

DAWSON, Y.T., December 3rd, 1909

Mr. C.A. Thomas, RESIDENT MANAGER,

YUKON GOLD COMPANY,

Dawson, Y.T., Canada.

S I R:

I herewith hand you report of the drilling operations and shaft work for the examination of the claims between #50 and 63 below Hunker Creek.

The examination of the claims from #50 to #63 below on Hunker Creek was commenced September 17th and continued until November 14th. During this period a total of 37 shafts and 7 drill holes were sunk to bedrock. One shaft was abandoned where the ground proved too deep for operations.

The results of the prospecting are shown on the accompanying map. A list of holes together with map numbers and essential data is also attached.

The pay channel in this tract appears to vary from 300 to 600 feet in width, and to cross the ground in a diagonal direction. The pay appears to be a continuation of the channel which comes through the 40 group of claims with an enrichment on the right limit between claims #55 and 58 of a porphyry bedrock containing values. The principal bedrock of the tract is decomposed schist and excepting the streak as above noted is continuous throughout the tract.

The pay channel varies in degree of concentration, being richest where hard bedrock appears and forms a riffle.

The pay channel was further enriched by Hester Creek which contributed considerable values from #60 down. The pay seems to diminish below the #60 group and does not re-appear to any extent until the 70 group is reached.

The bulk of the values lie on bedrock and do not extend into bedrock over 4 feet, the bulk of the values being contained in the

first two feet. The gravel over-lying the bedrock contains some values. The gold in the schist bedrock is oxidized and will not amalgamate readily. The following estimate of the values in the ground is based on the area shown on the map. This estimate is dependent not alone on values obtained from prospecting, as allowance is made for worked out ground:

Claim No.	Cubic Yards	Average Depth	Value Per Cu Yd Cents	Total Value	Deductions for Wkd ground	Total net Value
62 & 63	190120	23 ft	45	85554		85554
61	162913	23 ft	42	68423		68243
60 & 59A	156052	25 ft	80	124842	50%	62421
59 58A&B)	321240	25 ft	72	231293	50%	115646
58	205680	24 ft	51	104896	25%	78672
57B	245500	25 ft	59	144845	50%	72423
57A & 57)	261540	27 ft	52	136000	25%	102000
TOTAL	1543045			895853		585139

Average value per cubic yard 38¢

Cost per cubic yard for operating 40¢

On the data obtained from miners familiar with the ground the computed values of the above area were reduced to compensate for the worked out areas. Where low values were included in the estimate of the value of the ground as Hole #7 in old workings no deductions were made. The general notes as obtained from the different miners who operated on the ground are attached.

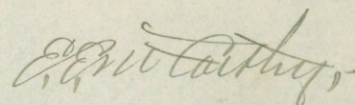
The prospecting has shown that practically the whole of the area is frozen, excepting where the creek channel traverses the tract, which will average about 50 feet in width.

The heavy blanket of muck which overlies the deposit presents a condition that will raise the cost of dredge operation in the

neighborhood of 40 ¢ per cubic yard.

This tract of ground has not escaped the consideration of miners and several attempts have been made to work it, as evidenced by the tailing piles. No record is available of any of the operators having made a substantial profit, the evidence seems to be that they have failed to pay expenses. Comparing the early records of the tracts where dredges #4 and #7 are working with the records of the ground under consideration, it would not be expected the results obtained from this tract would be as high. Dredges #4 and #7 recovered 56¢ and 69¢ per cubic yard respectively. It is very probable that further prospecting might out-line a narrower channel of higher pay, but the prospecting done to date, does not show a large area of dredging ground containing sufficient values to overcome the conditions that would be encountered. It would take approximately four seasons to mine the ground as indicated on the map.

Yours respectfully,



SUPT. DREDGE DEPARTMENT:

NOTES ON HUNKER CREEK CLAIMS

FROM

MINERS & OPERATORS

CLAIM #63: "Mace" believes ground when virgin would go 50¢ to the square foot of bedrock on an average.

CLAIM #62: Lower $\frac{1}{2}$ of #62 contains pillars. Mace estimates about $\frac{1}{2}$ of the lower $\frac{1}{2}$ of claim is worked out, and about $\frac{1}{3}$ of the upper $\frac{1}{2}$ is worked out. Mace when mining on claim states he took out \$13.00 to the point. Points about 5' long and spaced 3' apart, about 75¢ to the square foot of bedrock. Davis claims John Hough took out \$10,000 from the upper $\frac{1}{2}$ of #62, and Kelly & White were paid \$3500.00 as a percentage for the giving up of their lay which was 75%. Probable cost of working was 1¢ a pan. At that time most of work was done below 51. Mace believes values obtained here was equal to any received from 56 down.

CLAIM #61: Davis estimates pay streak 300 ft. wide allowing 50 ft. for width of creek not worked.

There appears to be a riffle near the line between #61 & #62 and coarse gold was taken out here and probable concentration.

CLAIMS #59-60: "Mace" Difficult to tell how much ground has been worked. Surface covered with tailings. Operators frequently drowned out. Much work was done on the line between #60 & 61 where \$1.00 to the bucket was taken out. 1 bucket equals 3 wheelbarrows or 45 pans. Ground here was enriched by Hester Creek. About $\frac{1}{2}$ of the pay has been taken out on #59 (Mace).

(Davis) claims White & Kelly took out about \$80,000 Coarse gold on #59 at mouth of Hester.

Mace says Creek is not mined on account of being thawed ground. No one made big money. Ground went about 60¢ per square ft. and pay extended 2½ - 3' into bedrock when shaly. When soft, pay laid directly on bedrock and did not go into it any depth.

Fraction between 59 & 60 not much worked (Davis)

Thawed streak from Hester supposed to be good.

Davis claims Gillis Bros. & Braund took out some dirt that went \$1.00 per square foot.

Mace says about ½ the ground on #59 is not worked.

CLAIM #58:

Davis says ground mostly worked, about one summer's work left. Pay streak 200 feet wide and worked on 80% lay. Received with Mr. McLaren \$6,000. Claims laymen made a little money. Moore made no money on #58. Work cost from 1 to 1½ cent a pan.

CLAIM #58A&B:

Not worked on account of wet ground. Lowden says will not average over 50¢ square foot. Never got over 3¢ to pan. Work done by Walker & Allison. They made no money.

CLAIM #57B:

Davis claims ground worked about 600 ft. wide and averaged 50¢ to the square foot. Very thoroughly worked.

CLAIM #57:

Davis claims Frank Dunn got 3¢ dirt first summer. Says claim is gophered from start to finish on account of miners having been drowned out by the creek.

The porphery bedrock contains good values.

CLAIM #56:

Davis claims that this ground was worked extensively

for two summers. There was not much money made. The ground was thoroughly worked. Davis also claims laymen on Windlass lay on the right limit obtained as high as \$1.00 to the bucket in the porphery bedrock. Bucket equals 8 pans.

CLAIM #54: Davis claims the winter laymen lost money. Blondeau Broom & Urfer worked extensively, and just about made his their purchase price of \$15,000.00. Urfer was working in the porphery bedrock when the claim was sold. Others state the above parties worked an area 200 ft. X 400 ft. and made no money.

CLAIM #53: Davis states not much money came out of this claim. There was good money on the upper line. Work was badly done on this claim. Ground went about 25¢ to the wheelbarrow of 15 pans.

CLAIM #52: Worked extensively, about \$100,000.00 taken out.

CLAIM #51: It is claimed four men on a lay during the winter took out \$18,000.00. Davis says the claim is much open, but believes more money in this claim than any above.

CLAIM #50: Reported Milvain & Mitchell took out about \$200,000.00.

CLAIM #49: Reported Milvain & Mitchell took out \$325,000.00.

NOTE: Lowden believes very little ground went over 3¢ to the pan, and doubts if pay streak 300 ft. wide could be obtained that would go over 50¢ to the square foot on bedrock. Mace believes a streak 200 ft. wide could be obtained that would go 50¢ per square foot. Davis & Hough believe 300 ft. streak could be obtained that would average 75¢ per square foot from #57 down, if ground were virgin.

TABULATION OF TEST HOLES

ON CLAIMS 63-50 HUNKER

Hole No.	Total Depth in ft	Depth of muck in ft	Value Per Cu Yd in Cts	Character of Hole	REMARKS:
1	20.5'	12'	0.7	Shaft	
2	21	10	12.9	"	
3	20.5	11.5	23.0	"	
4	23	6	89.7	"	
5	22	19	23.0	"	
6	29	17	60.8	"	
7	23		5.3	Drill	
8	22	10	43.8	Shaft	
9	23	16	30.4	"	
10	22.5	11.5	11.4	"	
11	20		No Pay	"	High Ground, 20' Slide Rock
12	24.8	10	19.4	"	
13	24	11	94.8	"	
14	23	0	21.5	Drill	
15	36	19.5	18.3	Shaft	
16	33	0	9.8	Drill	
17	31	0	179.0	"	
18	22	0	25.3	"	
19	29.5	17	23.2	Shaft	
20	31	18	6.5	"	
22	28	14	29.0	"	
23	26.3	15	40.8	"	
25	21.5	11	42.7	"	
26	23.5	10	17.3	"	
27	25	14	104.7	"	
28	24	14	8.7	"	
29	31.5	19.5	0.6	"	
31	26.0	11	47.8	"	
33	27	16	67.4	"	
34	24.5	14.5	16.2	"	
36	26	13	40.4	"	
37	27	15	52.2	"	
38	31	24	29.2	"	
41	31.5				Muck & Slide - Abandoned
43	26.8	10	32.9	"	
44	29	12	8.6	"	
45	24	19	4.1	"	
46	27.5	15.5	29.4	"	
47	32	19	10.5	"	
54	32	10	112.9	"	
55	28	17.5	8.8	"	
58	28	0	13	Drill	
59	31	0	3.1	"	
60	34	21.5	39.9	"	
63	33.8	18	15.4	Shaft	
64	37.5	20.5	13.8	"	



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