

Analysis of Available Drilling DataApr. 19/68Pine Creek - Gold Run:

- of the $3\frac{1}{2}$ miles Johnson includes in his reserves estimates only $\frac{1}{2}$ mile has been drilled - with 6 lines of holes 400' to 900' apart,
- 30 holes reached bedrock (3 others didn't)
- the 30 holes indicate an average grade of 32% per yd over an av. 35' vert. interval.
(this contrasts with Johnson's estimate of 70% per yd over 51' av. depth.)

Otter Creek:

- ~~the~~ the approx 3 miles Johnson includes in his reserves estimates have only been tested by 5 lines of holes; the upper 2 lines are 2 miles apart.
- the 5 lines have 33 holes; those 34 holes indicate an average grade of 38% per yd over an av. ~~70'~~ 70' vert. interval.
(this contrasts with Johnson's overall estimate of 45% per yd over an 85' vert. interval.)

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— upper 2 miles of "Gold Run" probably possibly buried beneath left
limit valley wall of Pine Creek.

This is indicated by 1) ~~indicated~~ ^{the indicated} marked southward bedrock
fall on the KE line & 2) indicated southward bedrock fall on L line.

3) indicated southward improvement in
values of KE & ~~L line~~ ^{and} possibly the L line.

— the bank must be getting steep, i.e. the good No. 3 hole on
line KE is above the ditch & all the holes on line L are above the ditch.

— probably great difficulty in maneuvering a very large dredge
up Otter Creek

— few spots of considerable large boulders on Wright Creek — very likely
the same conditions on Otter Creek.

— 1966 report spoke of difficulty of clay - cemented gravel on Pine Creek.

— all placer operators undoubtedly know of this situation & have declined
to pursue it.

— no likelihood of any significant additional reserves.

— to get drilling organized quickly would require
direct involvement of the Johnsons