

PROOF OF LABOR

ON MINING CLAIM

State _____ of Washington }
 County _____ of Snohomish } SS

Before me the subscriber personally appeared M. D. Griffin

who being first duly sworn on oath, deposes and says: That he has performed labor and made improvements upon the following described mining claim, to-wit:

Penny, Penny #1-#17
 (OR MC 29361-29318 respectively)
 Situate in NE $\frac{1}{4}$, NE $\frac{1}{4}$, SE $\frac{1}{4}$, SW $\frac{1}{4}$ Section 34, T4N, R5E (WM) and NW $\frac{1}{4}$
 Section 3, T3N, R5E (WM)

situated in the Copper Creek (unorganized) District, in
 Skamania County, State (or District) of Washington

During the year ending 19____, for and on behalf of
 M. D. Griffin, A. R. Grant

the owner of said mining claim in the sum and value of at least \$1,800.00
 (One Thousand Eight Hundred) Dollars

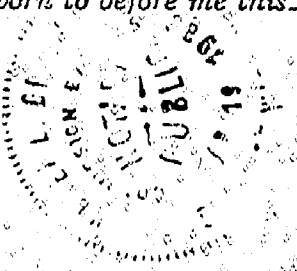
that such labor and improvements consisted of _____ Feet of Shaft, _____ Feet of Tunnel,
 _____ Feet of Open Cut

Geologic evaluation of breccia pipe potential
 (See attached report)



_____ and extended over
 five (5) _____ days' time, and that the same was filed by said
 M. D. Griffin

Subscribed and sworn to before me this 28 day of August 1981



NOTARY PUBLIC in and for the State
 of Washington, residing AT EVERETT

(R.R.S. 8627)

ALAN ROBERT GRANT

CONSULTING GEOLOGIST

P. O. BOX 15

LANGLEY, WASHINGTON 98260

(206) 321-4365

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The following report of geologic evaluation is presented to accompany the Proof of Labor affidavit on the below listed claims for the assessment year ending August 31, 1981:

Penny	OR MC 29301
Penny #1	OR MC 29302
Penny #2	OR MC 29303
Penny #3	OR MC 29304
Penny #4	OR MC 29305
Penny #5	OR MC 29306
Penny #6	OR MC 29307
Penny #7	OR MC 29308
Penny #8	OR MC 29309
Penny #9	OR MC 29310
Penny #10	OR MC 29311
Penny #11	OR MC 29312
Penny #12	OR MC 29313
Penny #13	OR MC 29314
Penny #14	OR MC 29315
Penny #15	OR MC 29316
Penny #16	OR MC 29317
Penny #17	OR MC 29318

Location: NE $\frac{1}{4}$, NE $\frac{1}{4}$, SE $\frac{1}{4}$, SW $\frac{1}{4}$ Section 34
T4N, R5E (WM)
NW $\frac{1}{4}$ Section 3, T3N, R5E (WM)

Dates of Work: August, 1981

Personnel Involved: A. R. Grant, PhD
Consulting Economic Geologist

Evaluation of the Penny claim block was accomplished to determine whether the breccia pipe potential on the property has been adequately tested by past drilling. The previous drilling was performed by Amoco Minerals, Denver, Colorado and Denison Mines, Spokane, Washington during the period from 1975 through August, 1980.

Several of the drill holes intersected relatively short intercepts of quartz-tourmaline breccia. Most of these intercepts were encountered within a few hundred feet of surface. Examination of surface and mapping of breccia outcrop distribution indicate that the holes were drilled near the margins of the pipes. Outcrop in the pipe area is scattered and disconnected. Even so, the outcrop pattern, coupled with drill results, suggest a possible steep south-westerly dip of the pipe contacts. If this attitude can be demonstrated to be real, it would explain the poor drilling results.

Past drilling experience at other Cascade breccia pipe occurrences has determined that most pipes flare and directionally plunge with depth. Drill holes exploring these pipes are almost always drilled at an angle to crosscut the system. Holes on the Penny pipes have been vertical.

The result of this evaluation has demonstrated that the pipe potential on the Penny ground has not been adequately explored. Future drilling must be designed to crosscut the pipe structures. Past holes have encountered weak chalcopryite mineralization within the short pipe intercepts. Mineralogical and alteration characteristics of the Penny breccias suggest the presence of vertical zoning with reasonable probability of encountering higher grade mineralization in the core the breccia pipe system.

A. R. Grant
A. R. Grant, PhD
Consulting Geologist
August 27, 1981

STATE OF WASHINGTON)
COUNTY OF SKAMANIA) SS.
I HEREBY CERTIFY THAT THE WITHIN

INSTRUMENT OF WRITING FILED BY _____

Matthew D. Dwyer

OF *Franklin*

AT *2:00 P.M. Sep 2, 1981*

WAS RECORDED UNDER _____

OF *Matthew* PAGE *884*

RECORDS OF SKAMANIA COUNTY, WASH.

J. J. Morrison

COUNTY AUDITOR

J. J. Morrison DEPUTY

Registered ☒
Indexed, Dir. ☒
Indirect ☒
Recorded ☒
Mailed ☒