

62067

DECLARATION MADE IN SUPPORT OF PROOF OF LABOR UPON
THE C. B. SMITH MINING CLAIM

I, the undersigned, declare that geochemical sampling and assaying and geological mapping done as stated for assessment work on the

C. B. SMITH lode mining claim on Section 11, Township 36 North, Range 50 East, M.D.B.&M. in a document filed by me at the

Office of the County Recorder, Eureka County, Nevada during August, 1976 consisted of the following program:

Sampling of the "a" horizon of the soil on a grid pattern of north-south lines 300 feet apart commencing at the southwest corner of the said claim and thence each 300 feet east another line, the stations on the said lines being spaced 100 feet apart so as to sample systematically all of the area of the said lode mining claim to its boundaries and at its discovery point; and

Assaying comprising the determination by atomic absorption spectrophotometry of cyanidable gold and silver content of all the aforesaid samples; and

Geological mapping consisting of observation and recording spatial relationships of bedding, fracturing, faulting, and intrusive and extrusive contacts both in the field and by aerial photograph interpretation over the entire area of all the aforesaid lode claims.

I declare that the basic findings of the geochemical surveys so conducted have been to establish the background soil gold and silver content, which has been found to be .002 ounces per ton, troy, for both silver and gold, and to establish that a threshold level of .005 ounces per ton, troy, constitutes a significant anomaly indicative of possible derivation from an unexposed ore source.

I declare that the basic findings of the geological mapping so conducted have been the detection and, to a degree, definition of the faulting, fracturing, and hydrothermal alteration and explosion brecciation and their vent systems.

I declare that the combined basic findings result in recommendations for more detailed geochemistry in the vicinity of anomalies, and that to be followed by geophysics and drilling, the most interesting areas being the easterly and northerly part of the claim.

I declare that the aforesaid program has cost at least \$125 for geochemical sampling, \$180 for assaying, and \$75 for geologic mapping.

I declare that I am a graduate of the California Institute of Technology with the degree of Bachelor of Science in geology; that I have practised geology continuously since my graduation; that I am familiar with the current technology of geochemistry and geologic mapping; that I have worked in the vicinity of the subject lode mining claim for a period of three years; that I personally supervised or carried out myself the aforesaid program in its entirety; and that I am active in professional associations including the Association of Exploration Geochemists and am a Member in good standing of the Association of Professional Engineers, Geologists and Geophysicists of Alberta, Canada. Executed at Calgary, Alberta, Canada on the 24th day of August, 1976.

Witness

C. Warren Hunt, P. Geol.

Witness

RECORDED AT THE REQUEST OF C. Warren Hunt
on August 27, 1976 at 00 mins. past 11 A.M. In
Book 56 of OFFICIAL RECORDS, page 313, RECORDS OF
EUREKA COUNTY, NEVADA. WILLIS A. DePAOLI Recorder
File No. 62067 Fee \$ 3.00

SEAL
Affixed

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