

5/8/84

LUCKY BEN GROUP**GEOLOGY**

Warren Mining District
Idaho County, Idaho
March 1984

SUMMARY

The Lucky Ben Group of claims cover a gold prospect located in the Warren Mining District, approximately 110 miles north of Boise, Idaho. The Warren District produced over \$15,000,000 of placer gold and \$2,000,000 of lode gold between the period from 1869 to 1935.

The Lucky Ben Mine was one of some forty gold bearing fissure veins worked in the Warren Camp and lies 5,000 feet due west of the Unity Mine, the major producer in this camp. The mine was developed by a portal level which is presently inaccessible. The Lucky Ben Vein can be traced along strike by the surface expression of caved stopes, dumps, pits, and float for a distance of 1,200 feet and is known to have a vertical extent of at least 200 feet. The mine was reported to be in ore when mining operations were stopped in 1915.

Sampling of vein material in the trenches and portal dump gave assay values ranging from 0.2 to 10.4 ounces per ton silver and 0.1 to 13.05 ounces per ton gold.

During October of 1983, backhoe trenching confirmed the extension of the vein east of the portal and exposed several former producing stopes that had carried through to the surface. The Lucky Ben Vein which has only been mined between the adit level and the surface some 200 feet above shows good potential for ore grade mineralization at depth. A surface diamond drilling program (\$60,000) to explore the eastern portion of the Lucky Ben vein below the adit level is recommended.

LOCATION AND ACCESS

The Lucky Ben Group of claims is located in the Warren Mining District, Idaho, two miles west of Warren, Idaho. The claims cover an area of approximately 90 acres in T22N, R6E Sections 9, 10, 15 and 16.

Access to the property is by two miles of unimproved road exiting south at Arlise Creek (Mile 40) along the Warren Wagon Road. The Warren Wagon Road consists of paved and gravel sections running from McCall to Warren, Idaho.

PROPERTY AND CLAIM STATUS

The Lucky Ben Group currently consists of three patented and two located claims. The claims, record numbers, and location dates are given in the table below.

Claim Status		
<u>Claim Name</u>	<u>Record Number</u>	<u>Location Date</u>
Hornet	MS 2384	Patented July 1908
Lucky Ben	MS 2596	Patented July 1911
Lucky Ben Extension	MS 2596	Patented July 1911
Ben No. 1	IMC 90112	October 4, 1983
Ben No. 2	IMC 90113	October 4, 1983

HISTORY

The history of the Warren Mining District is well documented in the Idaho Bureau of Mines and Geology Pamphlet No. 45 titled Geology and Ore Deposits of the Warren Mining District, Idaho Country, Idaho. The Warren Camp was an important placer and lode gold producer starting in 1869 and continuing on an intermittent basis to the present. Records show that up until 1935, \$17,000,000 worth of precious metals, mostly gold, has been produced, \$2,000,000 of which was from lode production. Estimates of more recent gold production are unavailable.

The most significant lode gold production came from work by the Unity Gold Production Co. on the Little Giant and Rescue Veins. These two veins are reported to have produced over one quarter of a million dollars worth of gold up until 1897.

While working as a mining engineer with the Unity Group, J.A. Czizek, Sr. projected the extension of the Little Giant and Rescue Veins to the west. Results of Czizek's private efforts lead to the locating and development of the Lucky Ben Vein in the early 1900's. In 1913 patents were given for the Lucky Ben and Lucky Ben Extension claims. The claims were worked by the J.A. Czizek and his son on a seasonal basis. Work during this time including an estimated 1,100 feet of drifting as well as several major stopes driven 200 feet to surface. Following the Czizeks' move to San Francisco in 1915 the property apparently remained dormant.

Interest in the property was renewed in 1978 when the Lelands purchased the property from J.A. Czizek, Jr. Without carrying out any exploration efforts, the Lelands entered into an option agreement with Golden Dividend Resources Corp. in September, 1983.

GEOLOGY AND MINERALIZATION

The Lucky Ben Group lies within a mass of granitic rocks, probably Upper Cretaceous in age. The geology of the claim group is simple and consistent with other properties in the Warren District.

On the Lucky Ben claims a relatively narrow but persistent quartz vein occupies a joint or fracture plane within a quartz monzonite. The Lucky Ben Vein can be traced along an east-west strike by the surface expression of caved stopes, dumps, pits and float for a distance of 1,200 feet. The vein, which dips from 75° to 80° south, averages 12 to 18 inches in width and where mineralized, contains free gold and minor tetrahedrite. Sampling of vein material in the old workings and portal dump gave assay values ranging from 0.32 to 10.4 ounces per ton silver and up to 13.05 ounces per ton gold.

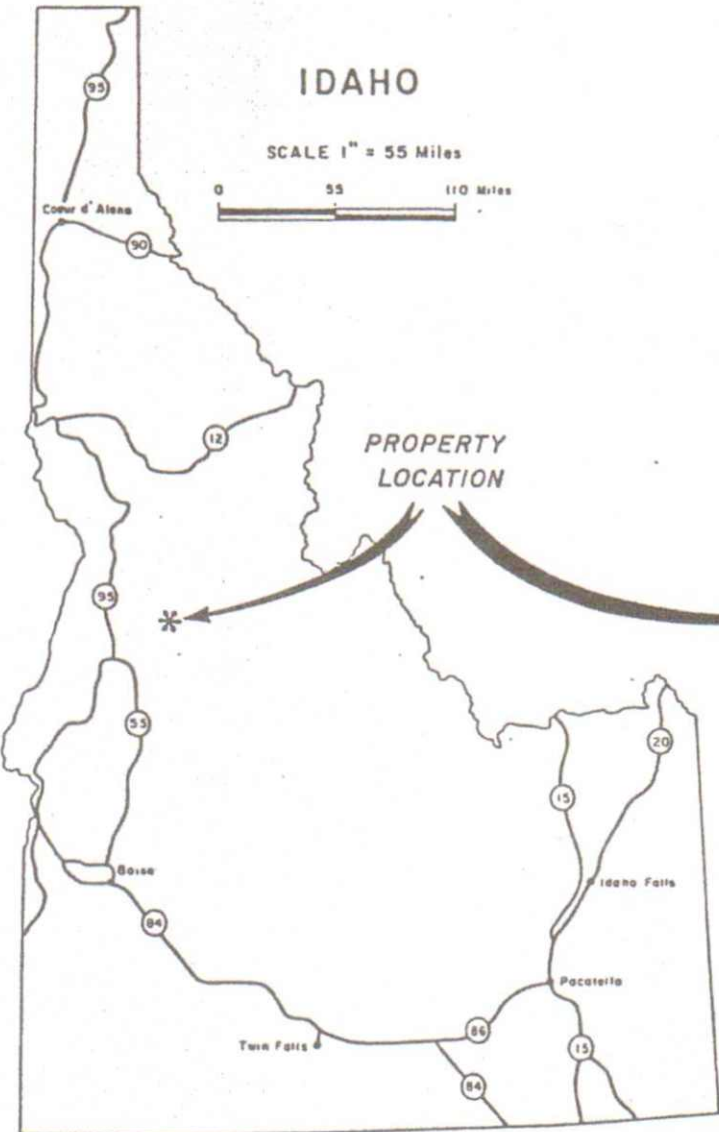
CONCLUSIONS AND RECOMMENDATIONS

Development of the Lucky Ben Mine by the Czizeks between 1908 and 1915 was reported to be a highly profitable operation. The mine was only developed along one level and was believed to be in ore at the time mining ceased. Work by others in the Warren District established several successful operations.

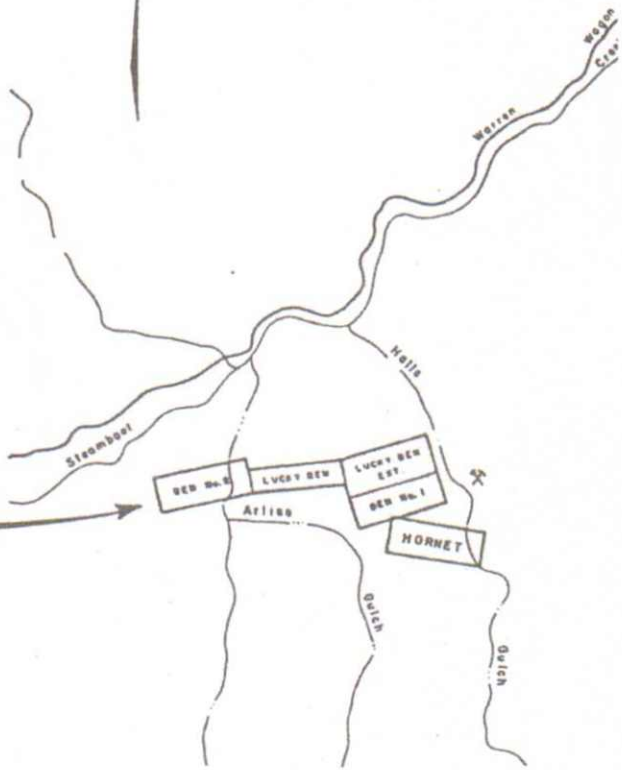
It is concluded from trenching results that the stopes exposed toward the eastern edge of the vein were developed along a high grade zone. J.A. Czizek, Jr. reports that attempts to mine the downward extension of ore were abandoned because they had no means of pumping out the water. A diamond drill program to test the downward extension of the Lucky Ben Vein at an estimated cost of \$60,000 is recommended.

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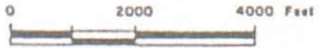
SCALE 1" = 55 Miles

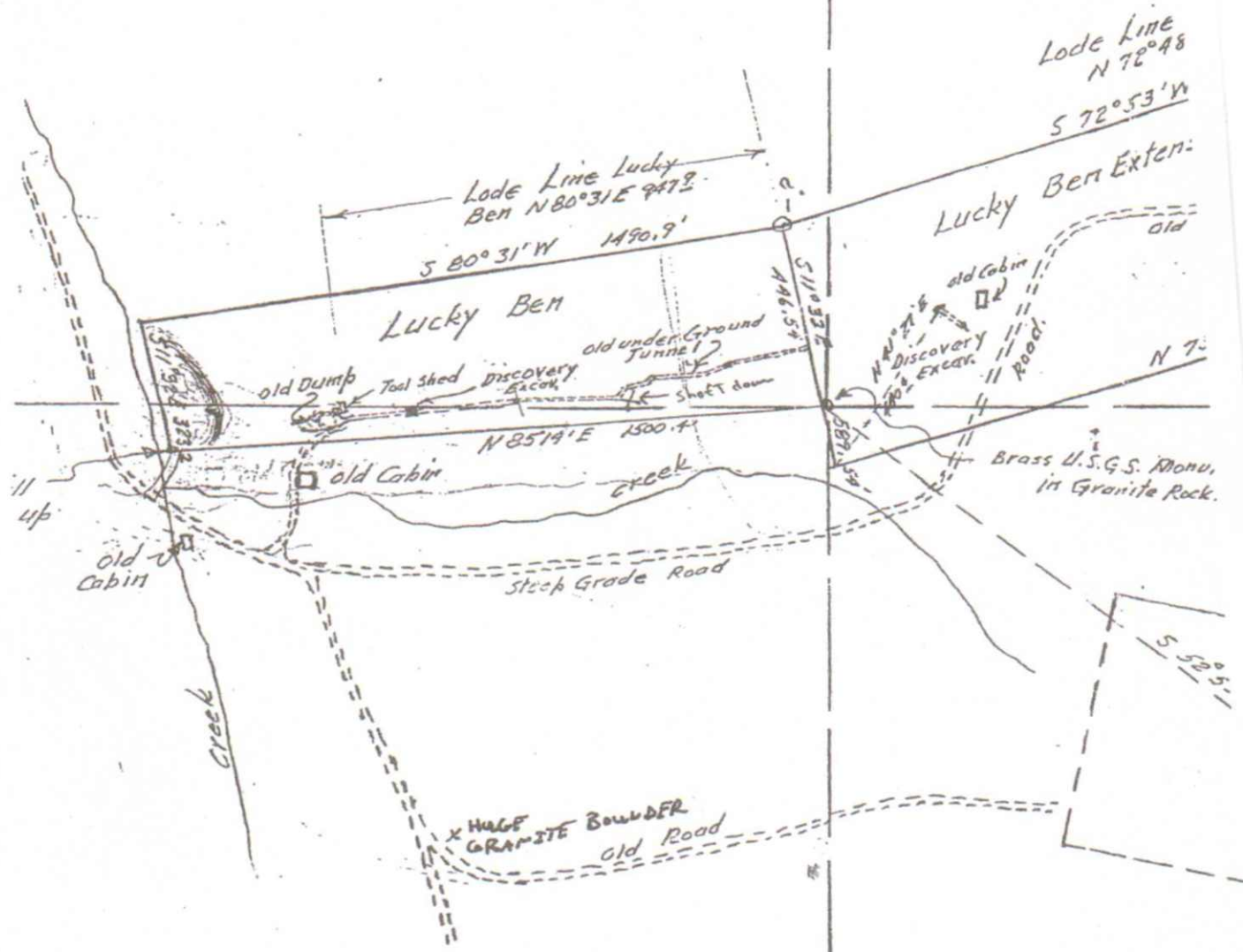


PROPERTY LOCATION



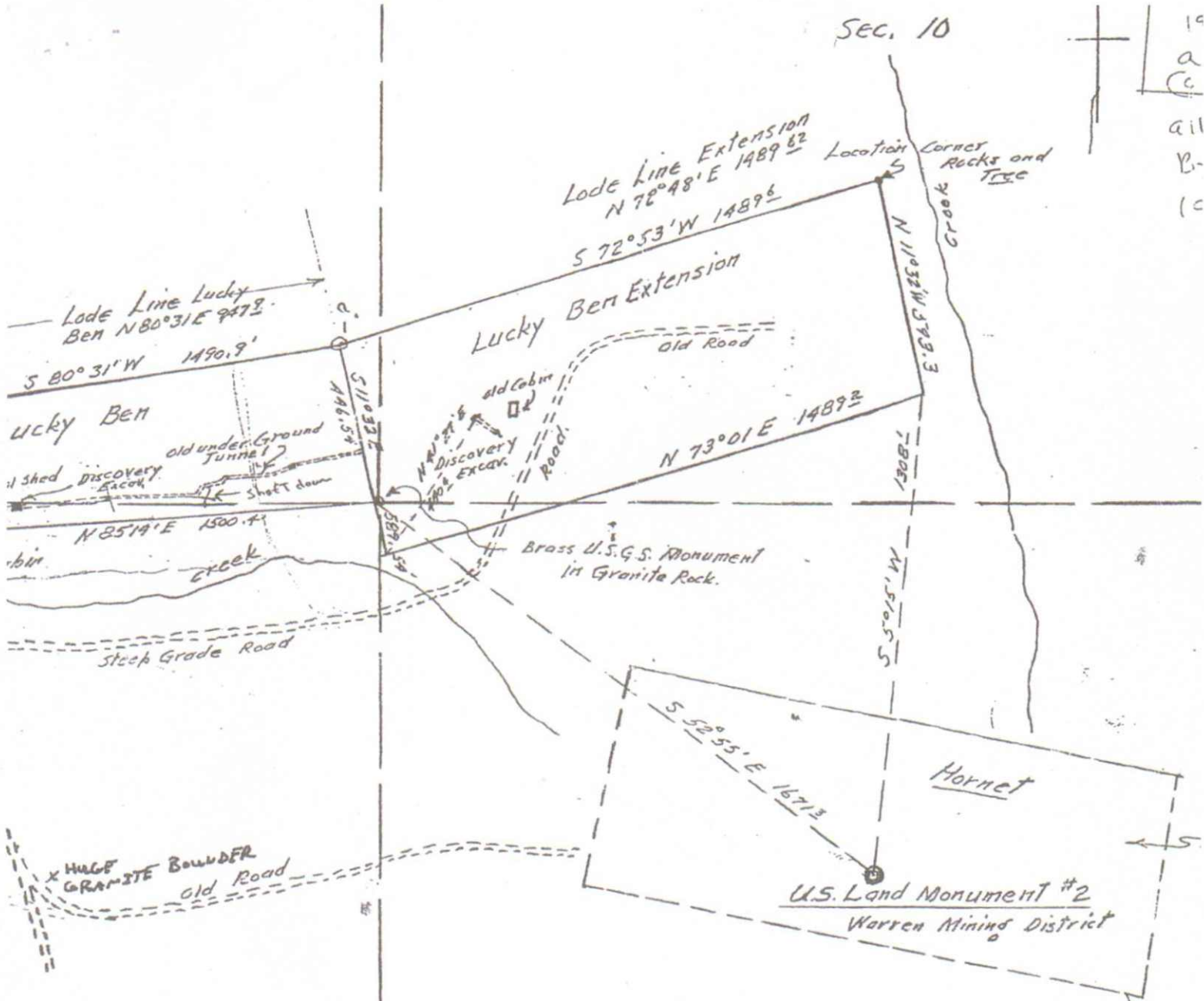
SCALE 1" = 2000'





Sec. 16

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 Lucky Ben and Extension 300' to Inch from Le
 Survey including tunnel etc.
 Hornet claim is accurate in size - might not be or
 exactly right to U.S.L. Mon. #2. However you
 photostatic Plat map of original patent so
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