Silver City Property


Dawson Mining District

NTS. 116R/5
Lat. 64° 19'
Long. 139° 52'

By. Thomas C. Stubens & Bruce R. Patnode

June 23-25, 1986
This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of $1,000.00.

[Signature]

Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.
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**Property Name:** Common SILVER CITY Other

**Location:** Lat. 64°19' Long. 139°52' NTS 116B/5

**Metals:** Major Silver, Lead Minor Zinc, Copper, Antimony

**Type of Mineral Deposit:** Vein

**History and Previous Work:**

Discovered in Sept/1895 by William Ogilvie. Staked as Carbonate cl (315) in Sept/1899. Restaked as Yukon Beauty & Australia Girl cl (5723) in May/02 and as Jeanerette group (Yukon Maid, Camp Bird & Yukon Chief) cl (7254) in Sept/05 by Jeremiah O'Neill and partners, who drove a 650 ft adit and a 50 ft raise near the river bank by 1906. The property was idle until 1926 when J. Lawrence and P. Rost staked the Lava, Beaver, etc cl (15082) around the Jeanerette groups and triggered a small staking rush. Rost later shipped 5 tons of hand-cobbled float from surface to the Tacoma Smelter. In 1929, J. Risco optioned the property and drove a 130 ft adit 425 ft above the river. The property was then idle again until Risco restaked it as Eureka cl (57764) in July/52 and Silver King, etc cl (78604) in July/58. After attempting to reopen his adit, Risco optioned his claims in late 1962 to L. Patnode and W. Kaufman, who drove a 276 ft adit 300 ft above the river and performed hydraulic trenching in 1962 and 1963. In early 1964, Silver City ML was formed and it continued the hydraulicling in 1964-65 and drove a 185 ft adit in 1965 (125 ft east of the 1929 adit and 425 ft above the river) and drilled two holes (200 ft).


**Description:**

The claims cover the north flank of an E-W-trending anticline. Mineralized float has been found in the lower 500 ft of a 2000 ft slope in an area of multiple slides caused by erosion along steep faults which strike E-W parallel to the river. Mapping of the slide material on surface and underground indicates that the lower slope is composed of a quartz-carbonate rock, interbedded with sericite-graphite schist, which is overlain by dioritic rocks, and in turn, quartzite and argillite, all included in the Yukon Group (Unit D). Rhyolite porphyry is also present, probably as an intrusive. The quartz-carbonate rock is host to the mineralization, which consists of galena, tetrahedrite, sphalerite, chalcopyrite and siderite. Grab samples show average silver-lead ratios between 5:1 and 10:1, and silver assays as high as 800 oz/ton. The quartz-carbonate rock has been thought to be derived from a serpentinized ultrabasic and if this is the case, the flat aeromagnetic response suggests that it has been completely destroyed by alteration. Rost's shipment is supposed to have had a recoverable value of $80/ton. The 1929 adit is rumoured to have cut 52 ft of disseminated mineralization before intersecting a 3 ft vein of galena which assayed 603 oz/ton Ag. Although some disseminated mineralization may be present, the best evidence suggests that most of the mineralization occurs in veins and may be related in origin to the rhyolite intrusion. Strong rumours persist that a 10 ton shipment was made about 1902, and that stibnite has been found uphill from the workings. The 1972 EM survey outlined four EM conductors, 2 of which had coincident mag anomalies.

References:

P66-31, pp.23-24
ER, May/66 by A.R. Parker in Silver City ML Prospectus
ER, June/67 by P.H. Severns for Silver City ML Prospectus
MIR, 1971-72, pp.15-16
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<th>Claim Name</th>
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<td>B. Patnode</td>
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Mr. Bruce Patnode
99 Parklane
Whitehorse, Y.T.

Dear Mr. Patnode;

With regard to our visit with you to the "Silver City" property on June 24, 1986: Based upon a one day traverse covering the SC-6, 8, 13, 14 & 15 claims, Dennis Ouellette and I made the following conclusions:

1. The rocks observed in talus on the claims are unaltered, unmetamorphosed volcanic rocks; i.e. basalts, andesites, rhyolites and related pyroclastics.

2. Galena and tetrahedrite were noted in boulders of quartz-carbonate vein material down slope from the ground sluiced area. Traces of sulphide mineralization were also observed in a vein cutting silicified ultramafic intrusive (listwanite) which cropped out approximately 100 feet above river elevation.

3. Stibnite blebs (1-20%) were observed in dump material from old diggings in another showing to the west. The host rock is thought to be silicified andesite. A sample from this showing was sent to Bondar Clegg for analysis and returned an assay of 0.002 oz Au per ton, 1.10% As and 9.50% Sb. A copy of the assay sheet is attached for your records.

4. The vast majority of the slope traversed consisted of slide rock and talus. This would make a soil geochemistry survey of little value in this area.

It was decided, by our company, not to explore the "Silver City" property further since:

1. Access to the property is poor.

2. The difficult terrain and potentially discontinuous mineralization make exploration in this area expensive.

3. Although this property has the potential of harbouring significant antimony mineralization, the estimated potential returns are in competition with other more attractive properties at this time.
The costs incurred during our visit to "Silver City" were:

- Helicopter Charter $700.06
- 2 Geologists (1 day) $300.00
- 1 Assay $19.00

Total $1019.06

I thank you for allowing us to view your property.

Yours sincerely;

[Signature]

Thomas C. Stubens
Exploration Geologist
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Registered Assayer, Province of British Columbia
Produced and printed by the SURVEYS AND MAPPING BRANCH, DEPARTMENT OF MINES AND TECHNICAL SURVEYS, 1958, from air photographs taken in 1951.

REFERENCE

Roads
Hard surface, all weather
Tire surface, all weather
Gravel, clay, hard
Rutted, washed out

Trails
2 lanes
1 lane

Boundaries
International

Contours

Silver City

Scale 1
1 Inch to 4 Miles

Universal Transverse Mercator Projection
Certificate of Qualifications

I, Thomas C. Stubens with business address:

United Keno Hill Mines Ltd.
409 Black Street
Whitehorse, Yukon
Y1A 2N2

and residential address:

Apt. 102
1234 West 14th Ave.
Vancouver, B.C.
V6H 1P9

do hereby certify that:

1. I am a practicing geologist.

2. I hold a B.A.Sc. degree in Geological Engineering from the University of Toronto (1978).

3. I have been practicing my profession as a geologist for 7 years. I was employed by United Keno Hill Mines Ltd. at the mine site in Elsa from 1979 through 1982 where I rose from the position of Mine Geologist to Senior Exploration Geologist. I have been employed by United Keno Hill Mines Ltd. during every field season since graduation from University of Toronto.

4. I am presently a graduate student at the University of British Columbia in Vancouver completing an M.Sc. in Mining Engineering.

5. This report, entitled "Report on the Lucky Project, Watson Lake and Liard Mining Districts" and dated October 1985 is based on my work on the property as an employee of United Keno Hill Mines Limited and on all available geological data on the property.

6. I have not received nor do I expect to receive any interest, either directly or indirectly, in the properties concerned in this report or in United Keno Hill Mines Limited.

Respectfully Submitted:

[Signature]

Thomas C. Stubens, B.A.Sc.