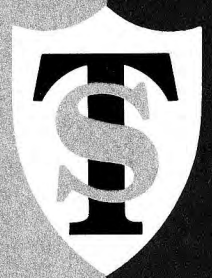


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The Silver Titan Story



SILVER TITAN MINES LIMITED (N.P.L.)

A Major
SILVER
Exploration
Project

THE SILVER TITAN STORY

A major Silver Exploration Project

SILVER - AN ATTRACTIVE INVESTMENT

As a precious metal, silver has for centuries been second only to gold as a symbol of wealth. Chiefly because of its attractive colour, resistance to corrosion, favourable alloying properties, and scarcity in comparison with most other metals, silver has found its greatest use in coinage.

However, during the last few decades more and more silver has been demanded by our increasingly diversified technology, and the industrial uses of silver have increased to the present annual consumption of 235,000,000 ounces annually compared to 115,000,000 ounces for coinage.

For the past ten years, despite increased consumption and demand, the price of silver has been held at around 90 cents per ounce and our increasing deficit between supply and demand has been made up by sale of U. S. treasury silver and other lesser sources. In 1961 world consumption of silver (351,000,000 ounces) exceeded production by 135,000,000 ounces and, due to virtual depletion of free treasury stocks, the U. S. treasury placed silver on a free trading basis in November, 1961. Since that time, in spite of Mexican and other sales, silver has been in increasingly short supply and prices have risen from 91.5 cents an ounce to the present \$1.20 an ounce, which with the present rate of exchange is \$1.30 per ounce in Canadian funds.

There seems to be no hope in sight for any effective increase in production to offset this unbalance, as 65 to 70 percent of the world's supply of silver comes as a byproduct from lead-zinc and copper producers who are suffering from over-supply and depressed metal prices and are thus unable to increase production. Mines which are primarily silver producers hold the only hope of increasing production but few of these have substantial new reserves and few major new prospects exist. The gap between supply and demand can therefore be expected to continue. Moreover with its unique physical and chemical properties and uses, silver cannot be seriously threatened with any substitute.

While it is difficult to predict future silver prices, present high levels of demand will certainly be maintained and silver stocks can be expected to enjoy a continued high value regardless of other market trends. Canadian producers will hold an even more attractive position due to political stability, a three year tax free period, favourable mining laws, and a favourable rate of exchange.

Participation in exploration and development of new silver properties is therefore one of the most attractive speculative investments in mining today.

SILVER TITAN MINES LIMITED

(N. P. L.)

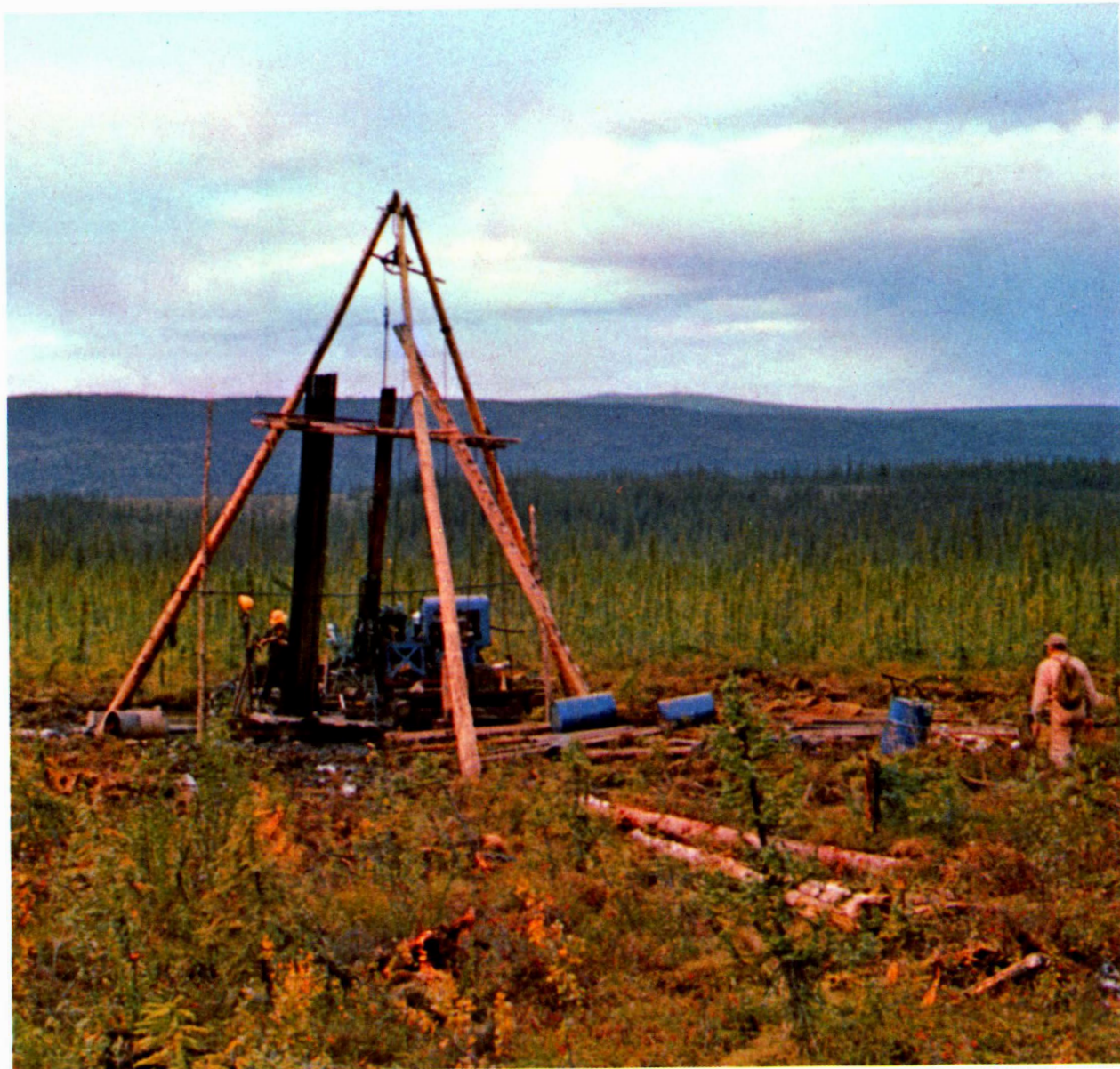
328 - 355 Burrard Street

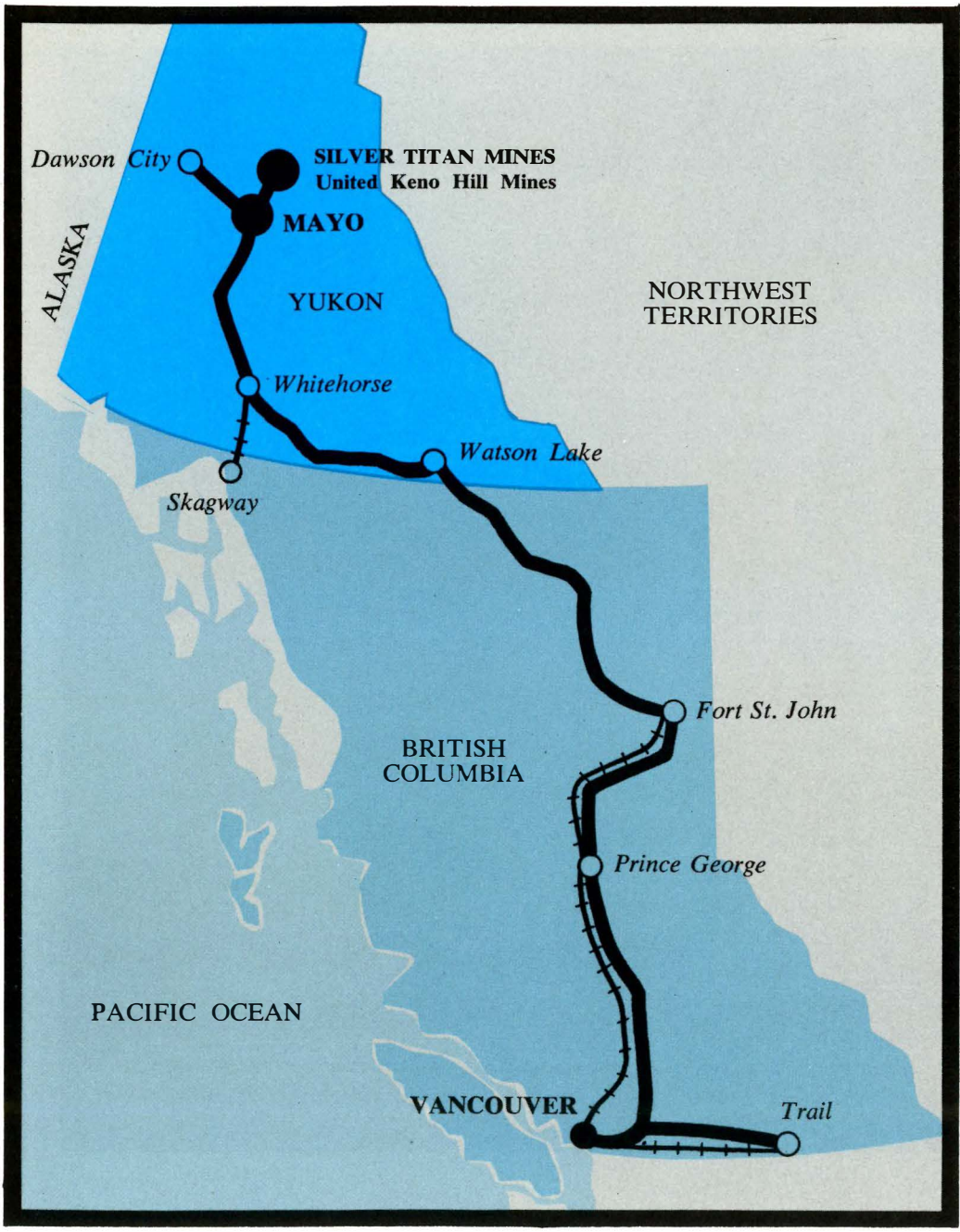
Vancouver 1, B. C.

Telephone MU 2-6191



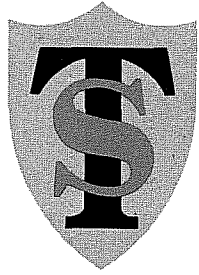
Diamond drilling on Galena Hill property.





LOCATION MAP
SILVER TITAN MINES LIMITED (N.P.L.)

Roads 
 Railroads 



SILVER TITAN MINES LIMITED (N.P.L.)

OFFICERS

President, Aaro E. Aho
Secretary-Treasurer, Cecil S. Walker

DIRECTORS

A. E. Aho, North Vancouver, B.C.
C. S. Walker, South Burnaby, B.C.
P. L. Whittall, Vancouver, B.C.
J. E. Bengert, Vancouver, B.C.

ADMINISTRATION OFFICE

328 Marine Building, 355 Burrard Street,
Vancouver 1, B.C.

REGISTERED OFFICE

402 - 1111 West Georgia Street,
Vancouver 5, B.C.

CONSULTING ENGINEERS

Dr. D. D. Campbell
L. G. White

TRANSFER AGENT

Guaranty Trust Company of Canada

AUDITORS

Reynolds, Anderson, McPherson & Co.,
Vancouver, B.C.

SOLICITORS

Lawrence, Shaw, McFarlane & Stewart,
Vancouver, B.C.

CAPITALIZATION

5,000,000 shares \$1.00 par value.

A major Silver Exploration Project

SILVER — An Attractive Investment



12,000 tons of rich Treadwell Yukon Corporation ore and concentrates stockpiled on river bank at Mayo in 1938 awaiting shipments by stern-wheeler to outside smelters 2,500 miles away.

Diversified industrial and other uses of silver have increased so much in the last few decades that the consumption of 351,000,000 ounces in 1961 far exceeded the production of 216,000,000 ounces. Placing of silver on a free trading basis in November, 1961 has resulted in a steady rise in price from 91.5 cents U.S. per ounce to \$1.20 U.S. or the equivalent of \$1.30 in Canadian funds.

There are no threatening substitutes and there is little hope of much increase in production since two thirds of the world's new silver comes as a by-product from lead, zinc, and copper mines which cannot increase production; moreover, no major new silver properties have been developed.

Thus the gap between supply and demand will continue, an attractive price future can be expected, and silver stocks should enjoy continued high value regardless of other market trends.

Participation in exploration and development of new silver properties is therefore one of the most attractive speculative investments in mining today.

THE YUKON — Land of Wealth and Romance

Gold was first discovered in the vast wilderness of the Upper Yukon River in 1880, and the rich placer deposits of the Klondike were discovered in 1896. At first few believed that such wealth could exist in this frozen hinterland, but the intensity of the stampede that followed and the fortunes that were made and lost have outranked most epics of human adventure.

Silver ore was discovered by one of the early gold stam-peders, Jake Davidson, about 1903 in the canyon of Galena Creek only 2,000 feet south of the present Silver Titan property.

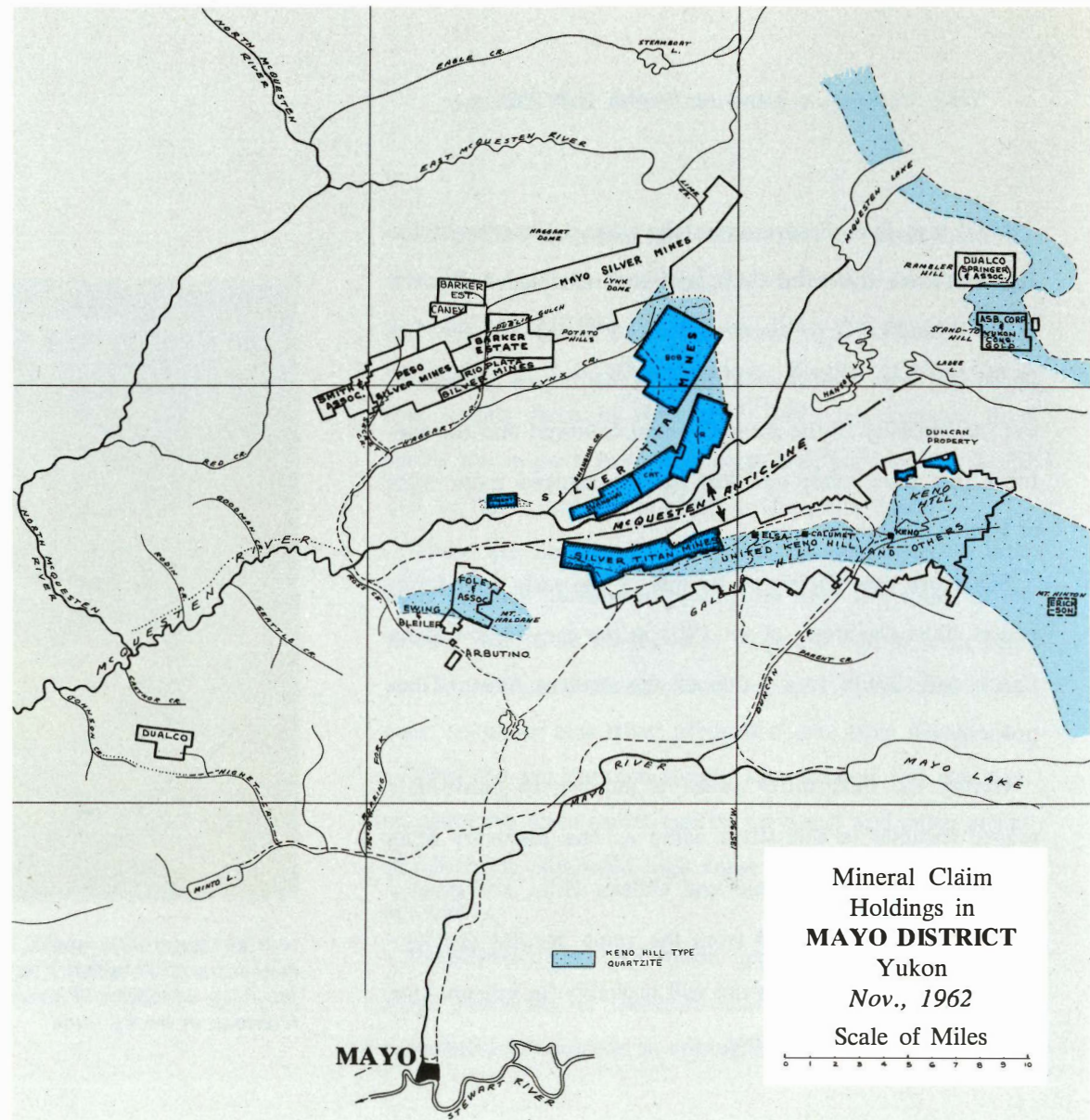
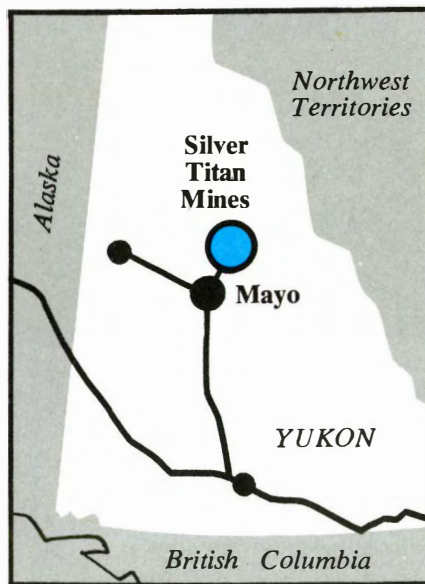
During the next thirty years, a number of individuals reaped fortunes in this silver camp as one discovery after another was made on Keno and Galena Hills, and greater and greater wealth flowed from the veins. Recent develop-ments indicate that the district will probably far out-produce the Klondike in total wealth.

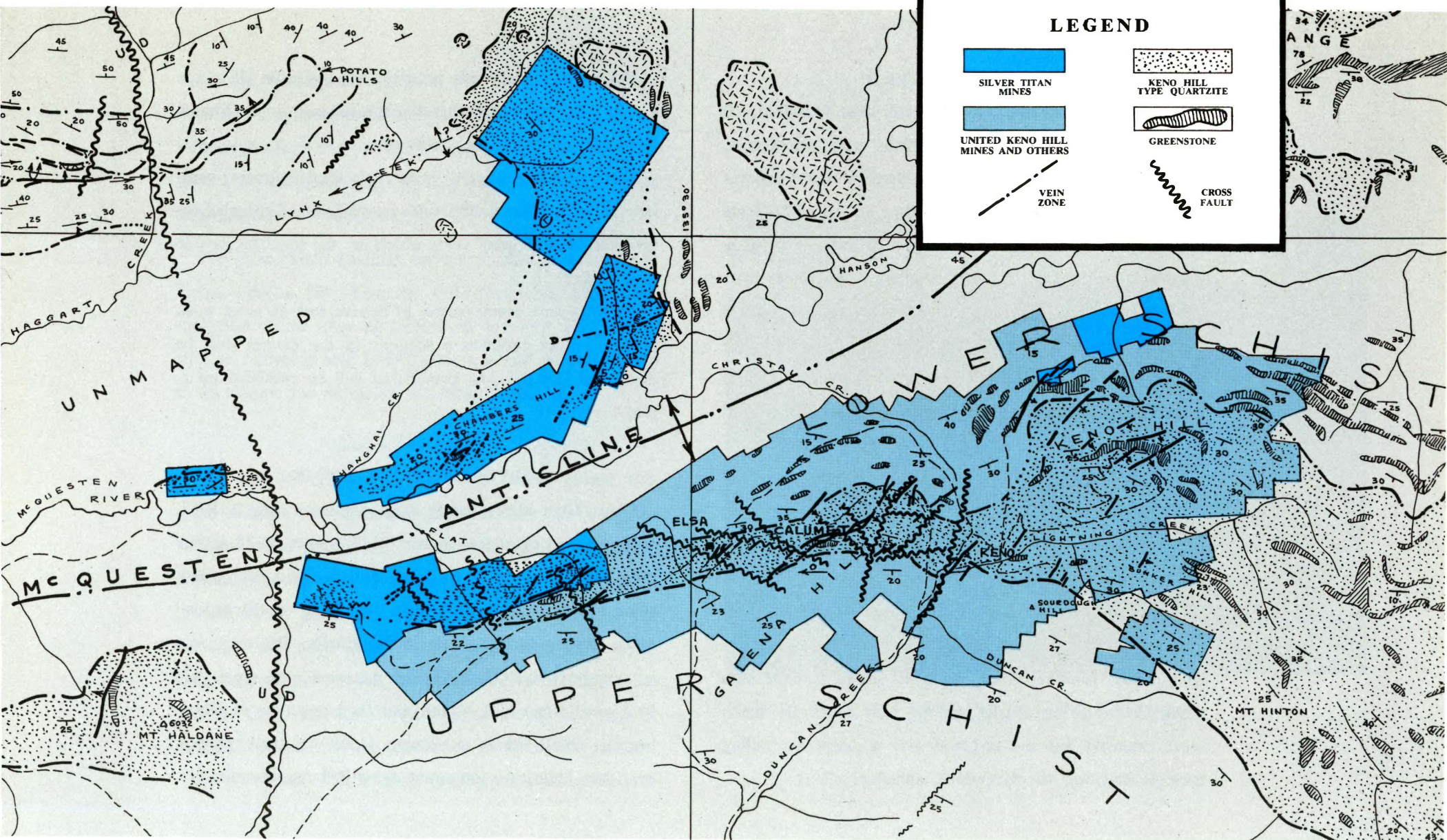


View west over south limb, showing Elsa townsite and concentrator (United Keno Hill Mines), with Galena Hill property of Silver Titan Mines extending to foot of Mt. Haldane in background.

SILVER TITAN MINES LIMITED

(N.P.L.)





LEGEND

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<div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; border-bottom: 1px dashed black; margin-right: 5px;"></div> <p>VEIN ZONE</p> </div>	<div style="display: flex; align-items: center; margin-bottom: 5px;"> <div style="width: 20px; border-bottom: 2px wavy black; margin-right: 5px;"></div> <p>CROSS FAULT</p> </div>

THE MAYO DISTRICT

The Mayo district has produced more than \$150,000,000 to date. Despite primitive conditions and remoteness, \$21,000,000 was mined by the Treadwell Yukon Corporation between 1921 and 1942 with silver as low as 26 cents per ounce, lead down to 5 cents per pound and zinc virtually worthless. In the last 15 years conditions and prices have been steadily improving and United Keno Hill Mines has produced over \$125,000,000 in silver, lead, zinc and cadmium or about \$10,000,000 annually of which 70% is silver. Earlier production came largely from Keno Hill while production in the last 30 years has come almost entirely from two vein systems on Galena Hill.

All of the past discoveries were made by individuals using old hand methods; only Keno and Galena Hills were explored in any detail; and the total extent of this rich silver-bearing district was not recognized due to cover of light over burden, and lack of knowledge or interest in outlying areas. However, recent work has shown that the high grade silver-bearing district and its vein zones are much more extensive and are centered over a major controlling geologic structure, the McQuesten anticline.

The south limb of this anticline has produced all of the ore to date from southeast-dipping veins in south-dipping Keno Hill quartzite and greenstone.

The north limb has just been recognized as having similar values and Keno Hill type possibilities in complementary northwest-dipping veins which cut the same favourable host rocks.

There is now every reason to believe that as more work is done, other productive sections in the district will be developed and the past production will be exceeded many fold.

SILVER TITAN HOLDINGS

Silver Titan Mines, newly incorporated on May 3, 1962, holds an area of approximately 18,000 acres or 28 square miles largely underlain by Keno Hill quartzite and greenstone, the favourable host rocks that have contributed all of the ore produced to date in the district. This total area is roughly equivalent to that of the same rock types held by United Keno Hill Mines, and the same type of silver-bearing vein systems are being found on these properties, thus indicating important Keno-Hill type possibilities.

These are the largest holdings of this type of potential that have ever been assembled in the district apart from United Keno Hill Mines itself which is Canada's largest silver producer. Diamond drilling, underground work, and other developments are under way.

The Silver Titan holdings consist of three separate properties—Galena Hill, Duncan, and Northlimb, which will total 360 claims when all have been acquired. Full ownership or control is held in 240 claims, a half interest is held in 40 claims, and 80 claims are being acquired.

Galena Hill Property

The Galena Hill property of 99 claims covers 6½ miles of favourable Keno Hill quartzite host rock along the western extent of the main productive section of Galena Hill, constituting the largest remaining block of favourable ground on the south limb of the McQuesten anticline. On the adjacent United Keno Hill Mines holdings the Hector-Calumet vein-fault system has produced over \$100,000,000 and the Elsa-Silver King system has produced in excess of \$30,000,000, most of the production of the district to date.

On the Silver Titan holdings previous manual methods of



Bulldozer trench on Gerlitzki vein on Galena Hill property.

exploration were hindered by overburden but geology, geophysics and drilling are now proving up existence of one and probably two major cross-faulted vein-fault systems similar to the two main systems that have contributed most of United Keno Hill Mines production to date. Bulldozer stripping has exposed a length of 30 feet of ore grade on one vein, with one select assay up to 850 ounces per ton of silver. All of this information points to possibilities similar to those of United Keno Hill Mines. A detailed report has been made on the property by Dr. D. D. Campbell, consulting geological engineer with the firm of Dolmage, Mason and Stewart Ltd., and drilling is being conducted along the lines of his recommendations. A single well-mineralized drill intersection on this property could be considered to be of great significance.

Duncan Property

The Duncan property of six claims on Keno Hill, in which Silver Titan has a half interest, contains a system of vein-faults along the northeast extension of the first substantial producer in the district, the Sadie-Ladue mine. Bulldozer stripping on this property exposed a new vein in schist

and greenstone for a distance of 90 feet with some sections averaging about 50 oz./ton silver across about 2 feet, and with select values up to several hundred ounces per ton. A camp has been set up, an open cut and short adit has been driven on the vein and a few tons of ore have been stock-piled. Another cut is being blasted down 600 feet to the northeast to probe for a second vein which may carry high values.

Northlimb Property

On the north limb of the McQuesten anticline recent geologic, geophysical, and bulldozer work is showing the presence of northerly-dipping Keno Hill quartzites identical to the south limb; of north-easterly striking, northwesterly-dipping vein faults complementary to those on the south limb; and of very significant new high grade mineralization as rich as that on the south limb.

The Northlimb property of 221 claims consists of 32 Shanghai claims and 48 UR claims presently being acquired; and of 25 Cat claims, 108 Bob claims, and 8 Argent claims staked recently. These claims cover over 8 miles of

favourable Keno Hill quartzites with several strong vein-fault zones and high silver values in several localities.

On the Shanghai claims bulldozer trenching in quartzites has just revealed completely oxidized vein material up to several inches wide from which a grab sample assayed 790.5 oz./ton of silver, 1.1 ounces per ton of gold and 10.4% copper. This occurs in a fracture on the hanging wall of a stronger unexposed vein fault zone that has not yet been dug out due to local permafrost. Several other strong zones on these claims have indications of mineralization but have not been prospected.

On the UR claims a section of Keno hill quartzite and greenstone, comparable to that on Galena Hill, is cut by major vein-fault zones from which 217-ounce silver mineralization has been obtained. A local electromagnetic survey showed strong anomalies and, more important, continuity of structure.

The Bob Claims cover an extensive area of favourable Keno Hill quartzite and greenstone containing a locality with 43-ounce silver-lead and zinc mineralization indicating presence of more promising vein-faults.

The Argent group of 8 claims covers two indicated vein-



Open cut to adit portal site on Duncan property.

fault zones in an area of Keno Hill quartzite from which vicinity high grade float has been reported.

Other than limited manual prospecting, very local geophysics and geologic mapping, and about 3 days of bulldozer trenching, no exploration whatever has been done on this new Northlimb area.

The presence of exceptional silver values on the Shanghai claims and of high values in other parts of the property, along with high silver values being uncovered at Haggart Creek miles beyond this section, point to important new Keno-Hill type ore possibilities in the extensive sections of favourable quartzite and greenstone host rocks covered by the Northlimb properties.

FUTURE PLANS

Drilling will be continued to find ore-bearing sections on the Galena Hill property, then underground exploration and development would be carried out on whatever scale is justified.

On the Duncan property small scale selective exploration will be carried on as long as ore can be followed, and other leads will be investigated.

On the Northlimb properties geologic mapping, close prospecting, bulldozer trenching and other followup exploration will be done on this large block of favourable ground.

SUMMARY

With the Galena Hill property containing untested possibilities similar to the most productive part of the district, and the Northlimb property containing newly recognized potential of similar character, Silver Titan Mines thus presents a most promising major exploration challenge in keeping with the bright future for silver. With sufficient exploration conducted in the most efficient manner, important discoveries of Keno-Hill type can be expected.