

have discovered a similar deposit to the west which is believed to extend onto the Sunrise property.

Thomas is also basing his optimism on the results of the individual Aber/Hemisphere and Norex 1988 geophysical and geological surveys which he noted "indicated potential for new zones" elsewhere on the property. About six targets are scheduled for immediate drill testing, he added.

## Echo Bay planning surface program

VANCOUVER — A \$2.5-million work program completed by Echo Bay Mines (TSE) on the Doc property near Stewart, B.C., appears to have generated mixed results. The company has an option to earn a 50% interest from joint owners, Magna Ventures (VSE) and Silver Princess Resources (VSE).

Of 32 holes drilled late last year, 13 intersected high grade gold over narrow vein widths, another nine holes located the structure but returned low grades, and 10 holes were either abandoned due to technical problems or did not intersect vein material. The best drill intersection returned a core length of 6.6 ft grading 0.54 oz gold from the Q17 vein.

Magna Ventures said results from underground work are "more consistent" than the surface drilling, noting that gold-silver mineralization in the west drift on the Q17 vein was sampled over a 380.6 ft length averaging 5.5 ft in width and grading 0.42 oz gold and 1.48 oz silver per ton.

The 1988 program included construction of a 40-man winterized camp, some 10,000 ft of drilling and underground development for 762 ft in two drifts. Echo Bay's 1989 work program will be directed toward systematic surface prospecting, mapping, sampling, surveying and trenching of a number of other veins and anomalies on the 18,000-acre property.

The volcanic host rocks at Sunrise are a steeply-dipping, north-south trending succession of massive flows, tuffs, and coarse rhyolite pyroclastics with interbedded fine clastic sediments. The main massive sulphide lens is up to 40 ft thick, and has been intersected over a strike length of 500 ft and a vertical depth of 2,300 ft, with the deposit open to depth.

103,000 contiguous acre gold-silver prospect area in the Comstock lode area of western Nevada and a 100% interest in a 9,000-acre gold-silver prospect in eastern California. It also has precious and base metal prospects in British Columbia and the Northwest Territories and a gold prospect in West Germany.

Wednesday, March 1

Tony Naldrett, University of Toronto

Thursday, March 2

Base Metal Exploration Geological & Geophysical Methods, Marc Hannington, University of Toronto, Ted Urquhart, Urquhart Dvorak Ltd

Friday, March 3

Mine Finders, Peter Ferderber and Fenton Scott, La Fosse Platinum Group Inc.

Coordinators:

Buzz Neal, PDAC

and Ed Spooner

Enquiries:

416-368-0166

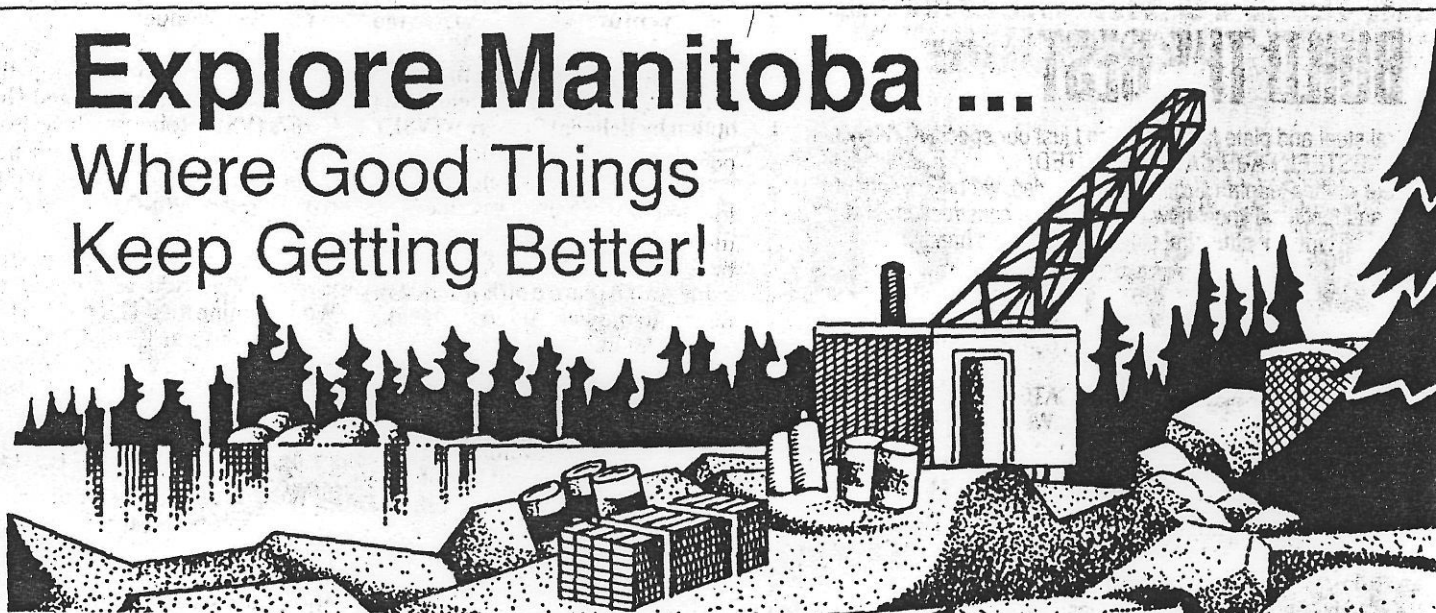
Department of Geol.

University of Toronto

416-978-3280

# Explore Manitoba ...

## Where Good Things Keep Getting Better!



After setting production records in 1987, Manitoba's mining industry is continuing to discover and develop new properties throughout the province. Whether its gold, copper/zinc or nickel, exploration work in the keystone province is paying off in new mines and healthy balance sheets.

Manitoba includes almost 400 000 square kilometres of exposed Precambrian Shield, much of it barely explored. Regional geological mapping at a scale of 1:50 000 is well advanced, and a good start has been made on confirmation mapping in the key greenstone belts.

With the Canada-Manitoba Mining Development Agreement, we are helping industry make the best use of its exploration and development dollars.

Think about us. Manitoba has a lot to offer.

For more information, contact:

**Exploration Services**  
**Manitoba Energy and Mines**  
555-330 Graham Avenue  
Winnipeg, Manitoba R3C 4E3  
(204) 945-6541



Energy, Mines and  
Resources Canada

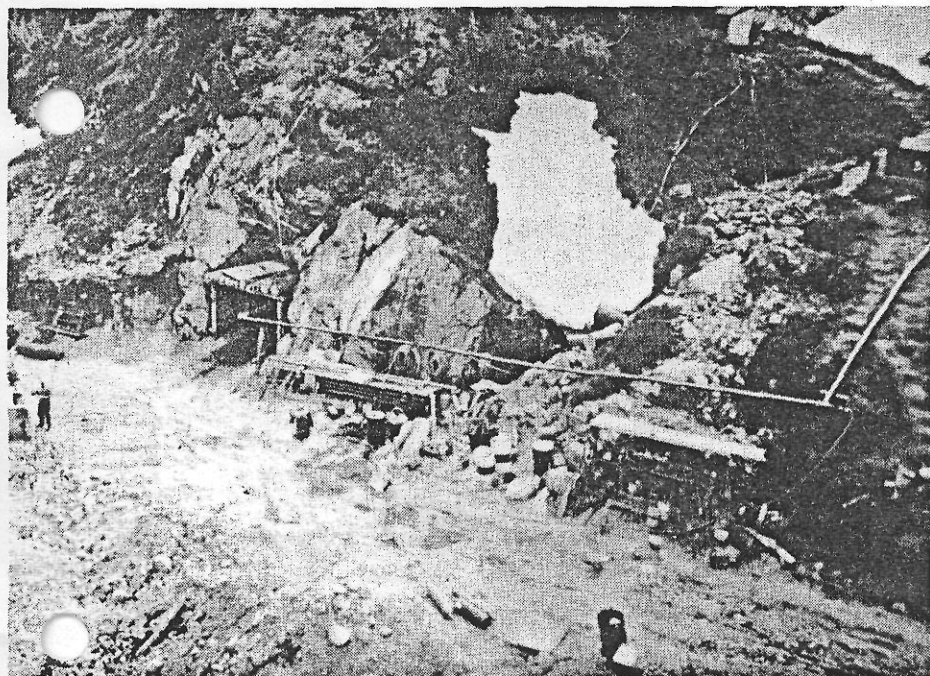
Énergie, Mines et  
Ressources Canada

Manitoba  
Energy and Mines

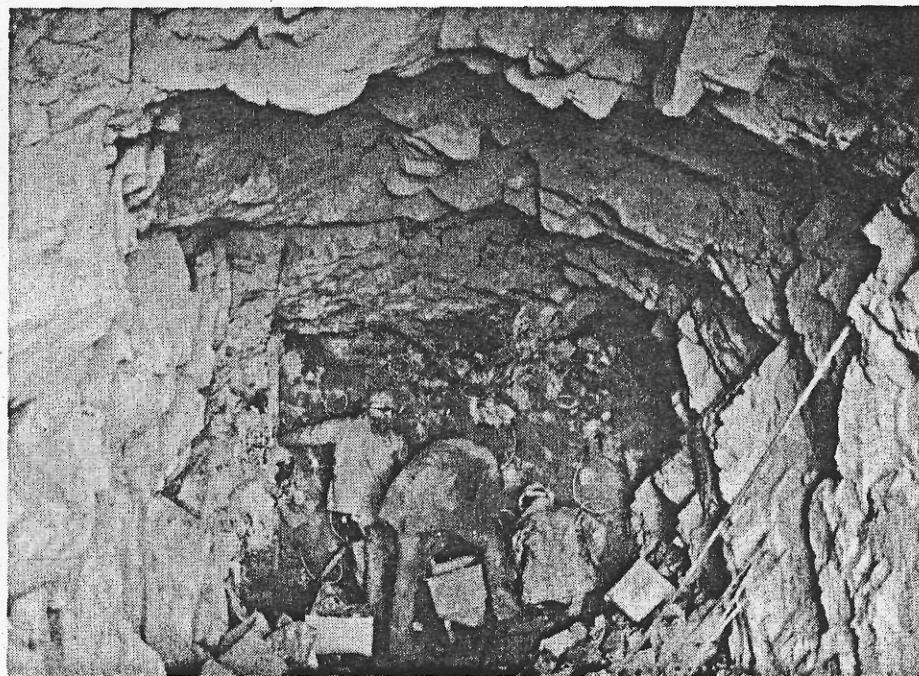
Énergie et Mines  
Manitoba



# Magna/Silver Princess Developing Doc Property



Portal and dump and surface facilities for the tunnel to access the Q17-Q22 Vein System: the photo was taken in July when the program was just getting underway.



The same tunnel, in approximately 35 feet, showing workers preparing the face for a blast. When the tunnelling program reaches its target, drifts will follow the vein in both directions.

"A hot property in a very hot camp" is how the management of Magna Ventures Ltd. and Silver Princess Resources Inc. describe their joint-ventured Doc Property near Stewart in northwestern B.C. The companies base their claim on the fact that the Doc Property is strategically located in what's now being referred to as the "Iskut River/Stewart Mining Camp" - a region with three major gold projects all in the pre-production stage.

By Vivian Danielson

through funds, enabled the company to begin a major work program on the Doc Property, with planned expenditures of \$1.5 million on a 4 phase exploration program, now well underway. Magna Ventures will earn a 50% interest from Silver Princess Resources Inc. by spending \$1.2

*"...our target is a high grade, profitable mining operation."*

million by November 12, 1987, of which about \$750,000 has already been expended.

In June of this year, the revitalized com-

tunnelling program reaches its target, drifts will follow the vein in both directions generating samples for assay on a daily basis. The tunnelling program will develop a high grade gold-silver ore reserve, to be followed by the Phase II, \$150,000, 5000-ft. diamond drilling program to test the vein at depth.

Phase III, which is not contingent upon the success of prior phases, will consist of surface prospecting, including 50 miles of surface surveys that normally would have been done before the underground stage. Brad Cooke explains that last year's work had concentrated on the Q17-Q22 vein

old road had been used in the past that runs along a river near their property for forty miles to the Pacific Ocean.

In late June of this year, Magna Ventures reviewed last year's trench and drill results from the Doc Property which concentrated on the Q17-Q22 vein system. A total of 17 trenches averaged 0.43 oz./ton gold and 1.71 oz./ton silver over 8.1 feet.

Thirteen holes were drilled on the Q17-Q22 vein system last year, of which 11 holes located the vein structure, including five holes that averaged 0.60 oz./ton gold and 2.23 oz./ton silver over 9.6 feet. Drill holes 86-6 to 86-10 graded

The joint venture's neighbours include, among numerous other junior and major

among numerous other junior and major mining companies active in the area: Skyline Resources, currently developing its Stonehouse gold Deposit; the Newhawk/Lacana/Granduc Sulphurets joint venture, currently underway with an expanded \$4 million Phase II program; and Westmin's joint-ventured British Silbak-Big Missouri Properties rapidly approaching the production decision stage.

"I've been looking at gold properties for years," says Magna President, Lew Dillman, "and this one is as good as I've ever seen."

The Lew Dillman Group took over the ailing Magna Ventures last December, a corporate restructuring took place which included the retiring of Magna's debt load. A recent financing, which successfully raised \$800,000 in private placement and flow-

In June of this year, the revitalized company announced it had acquired three new mineral properties—two of which (totalling 194 claim units) are contiguous to the Doc Property. The third project is a property surrounding the Colombo Mine in Sierra County, California.

At the Doc Property, the camp is already set up and the 1,500 ft. underground development program on the Q17-Q22 vein system is underway. The Q17-Q22 vein system, with high grade gold in shoots, is where 1986 drilling located several strong intersections, including 17.7 feet grading 0.728 oz./ton gold.

According to Magna's managing director, Bradford Cooke, M.Sc., F.G.A.C., mining crews are driving a tunnel into the heart of this high grade ore zone which represents the Phase I program. When the

system and results warranted the unusual reversal of work program phases. He also said that the large property, covering 18,000 acres, had not been thoroughly explored since the 1930's and has numerous promising surface features, (in addition to other known gold veins) that warranted this year's serious exploratory effort. The Phase IV program will consist of 2500 feet of underground development. "If all goes well", says Cooke, "1988 will be a development year leading to the feasibility stage, with an eye to production in 1989."

"We're about a year and half behind Skyline," said Cooke, "both on our work program and promotion - but our target is the same - a high grade, profitable mining operation."

The Stewart/Iskut River area has some accessibility problems but Magna says an

0.52 oz./ton gold over 11.6 feet average width.

Magna Ventures' Doc Property should be an interesting project to follow as their 1987 work program progresses. The company has 6.9 million shares outstanding and trades on the Vancouver Stock Exchange; trading symbol MVN.

Outside of northwestern B.C., Magna has two other gold properties, the Bob Claims in the Rice Lake Belt near Bissett, Manitoba and the Colombo Mine in Sierra County, California (Sierra Buttes Mine produced over 1 million ozs. of gold). The Manitoba project is near the San Antonio Mine which also produced over one million ozs. of gold. A \$250,000 exploration program will be carried out on the Colombo Mine this year by Canarc Resource Corp. to earn a 50% interest in the claims.

## Northwest B.C.

from page 32

Teryl Resources Corp. has begun drilling and work on the Reg Resources's Silverknife Claims and a work program on the Rob 15,16 Claims adjacent to the Delaware claims gold discovery area.

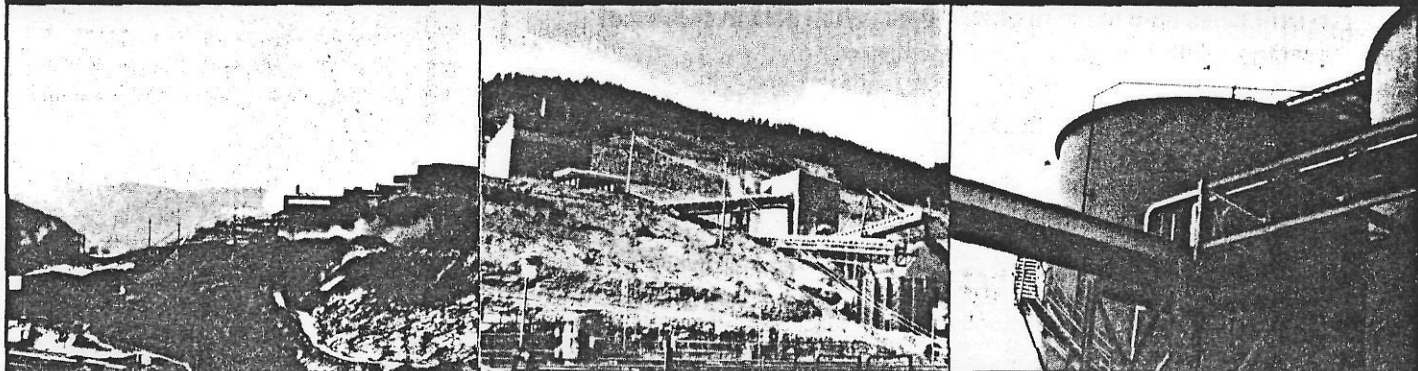
Teuton Resources Corp. has optioned its Gamma Claims in the Sulphurets Group camp to Wedgewood Resources Ltd., a private B.C. company. Exploration in 1986 disclosed a number of gold/silver occurrences. Crews have begun a 1987 field program on Teuton Claims in the South Unuk River area, adjoining south of the Doc Property, to locate the source of massive-sulphide-quartz boulders. Values of up to 80 oz/t silver have reportedly been obtained from grab samples taken in the early 1980's.

The float boulders measure up to 4 meters in breadth and contain massive galena, sphalerite, pyrite and chalcopyrite in a quartz gangue.

Teuton Resources holds extensive claim holdings in the Stewart area.

The company trades on the Vancouver Stock Exchange; trading symbol TUO.

# Congratulations Mascot! Thank you for choosing Kilborn to provide Engineering, Procurement, Field Engineering Liaison, and Start-up Assistance to the Nickel Plate Project.



# KILBORN

All Project Services: Reserves Estimation  
Open-pit & Underground Mine Planning  
Materials Handling • Process Plant Design  
Procurement • Construction Management  
Start-up & Training • Operations Management

1380 Burrard St., Vancouver, B.C. V6Z 2B7 / 630 N. Craycroft, Suite 141, Tucson  
Telephone (604) 669-8811 Telex 04-507734 / Arizona 85711 Telephone (602) 790-9070

## Extensive Exploration Planned

# Magna Ventures in Sulphurets Gold Camp

by David O'Keefe

An unusually high-budgeted first phase of exploration testifies to the potential of Magna's high grade gold and silver property along the South Unuk River, 35 miles northwest of the town of Stewart in northwestern British Columbia. Magna has optioned the property from Silver Princess Resources and can earn a 55% working interest by spending a total of \$1.2 million on the property by the end of 1987.

In order to ensure adequate exploration funding, Magna has, subject to regulatory authorities approval, completed a major private placement. International Financier Wolfgang Rauball of Vancouver and Frankfurt purchased one million Magna shares at 70 cents each with non-transferable warrants attached to purchase an additional one million shares at 70 cents each within one year. Early in May the company received net proceeds of \$416,000 by way of an underwriting through Canarim Investment Corporation.

The Stewart Gold Camp will be experiencing considerable exploration during the 1986 season. One company, Newhawk Resources, is planning a million dollar program on its Sulphurets property.

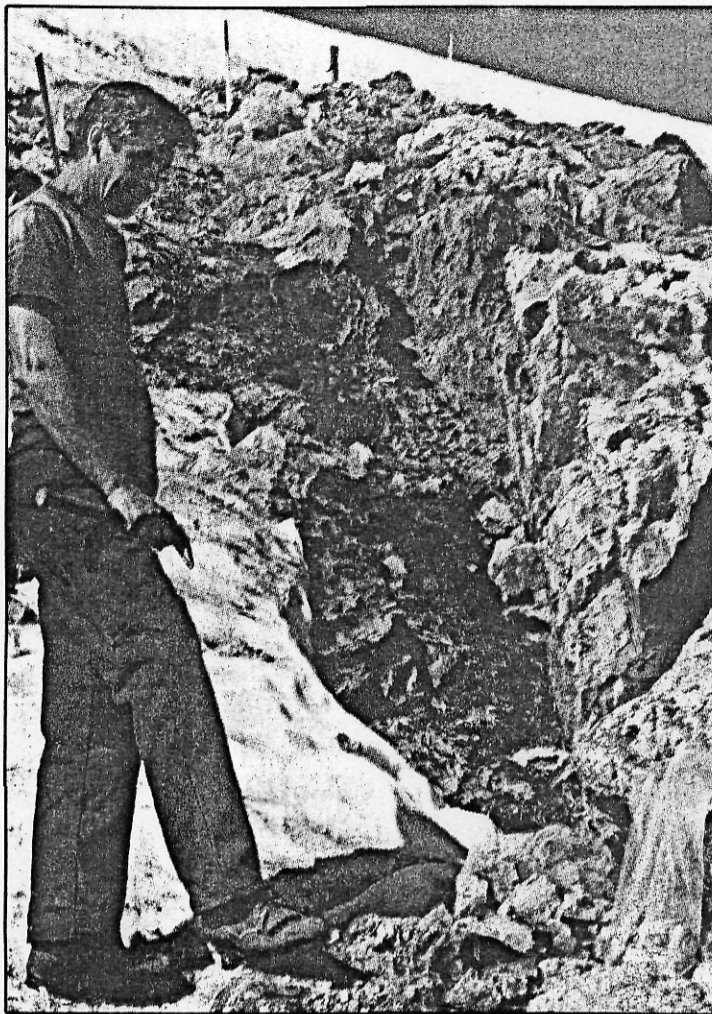
The 58-unit Doc claims group was first located in 1946 and was subjected to trenching, prospecting and drilling to 1949. Even though the property displayed good and sometimes exceptional gold showings, the logistics of access, transportation and the price of gold at that time, forced the property to languish until the mid-seventies, when it once more attracted

industry attention and it was sampled and magnetic, VLF-EM and geochem surveys were conducted.

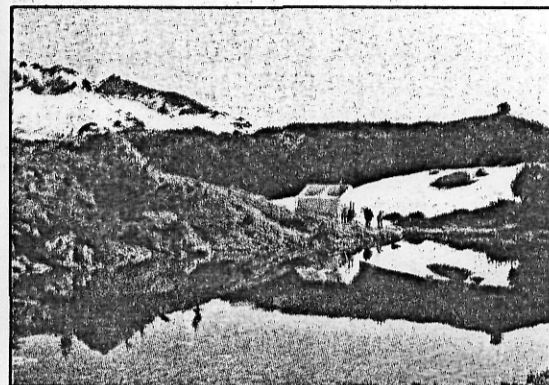
At least 50 trenches or large pits were cut during the 1940's on seven veins, four of which had the continuity, width and gold content to justify extensive exploration. A total of 6,274 feet of EX core diamond drilling was done and



A million-dollar view from base camp



Sampling one of the many trenches



Exploration base camp high on the mountain

though core recoveries were very low it did establish the Q17 vein to a depth of 250 feet and the Q22 vein to 120 feet.

In 1974, Professional Engineer Don Tully and Professional Engineer H.J. Wahl in 1985, re-sampled many of the trenches on the Q17, Q22 and Q25 veins, both confirming the presence of high grade mineralization. The Q17 and Q22 are considered to be the primary exploration targets in the upcoming program.

Tully's sampling of 13 trenches on the Q17 vein showed an average value for a 260 foot strike length over an 8.1 foot width of 0.399 ounces of gold and 0.99 ounces of silver. Wahl sampled over a 230 foot strike length and obtained an average 7.6 foot width of 0.468 ounces of gold and 1.77 ounces of silver per ton. Four holes of the 1948 drill program are reported to have assayed 1.2 feet of 0.69 ounces of gold and 2.25 ounces of silver, 4.5 feet of 1.17 ounces of gold and 5.5 ounces of silver, 5.8 feet of 1.64 ounces of gold and 5.8 ounces of silver and 2.2 feet of 1.78 ounces of gold and 9.7 ounces of silver ton.

The Q22 vein, parallel and slightly offset, appears to be similar to the Q17 but possibly of slightly lower grade. Tully, however, sampled one trench and obtained a 5.8 foot width of 1.82 ounces of gold and 8.18 ounces of silver per ton.

Several other veins with significant mineralization have reportedly been found and traced, but have not been confirmed by recent work. High grade float assaying 0.415 ounces of gold, 4.30 ounces of silver 4.6% lead and 0.255 ounces of gold, 147.2 ounces of silver and 12% lead has been found, indicating other undiscovered veins to the south and west of the main showings.

Professional Engineer C.R. Harris has recommended a two phase program of exploration and development costing \$864,700. This includes the creation of an airstrip along a hillside bench at the 3,800 elevation, underground exploration to extend the working season and a fully winterized camp.

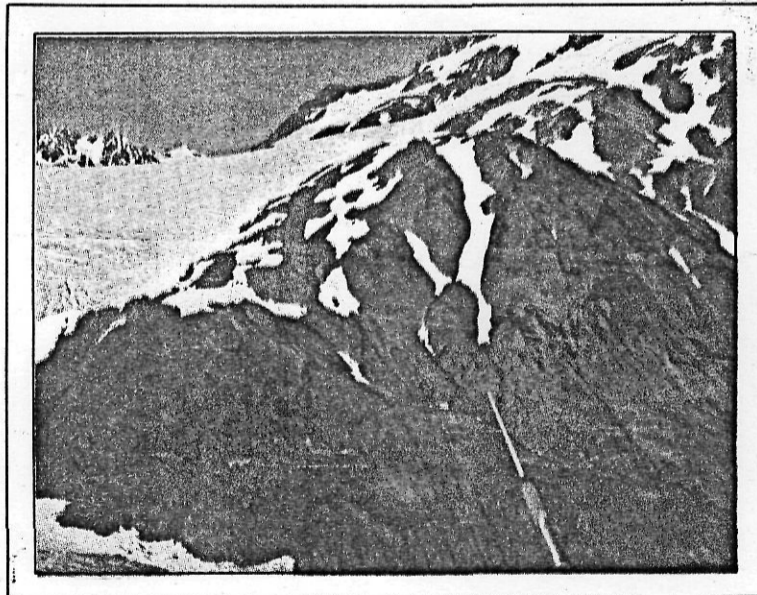
### CONTACT:

Mr. Ed Mueller - Magna Ventures  
1220 - 800 W. Pender St.  
Vancouver, B.C. V6C 2V6  
604-688-7775

## Consolidated BRX Mining & Petroleum Ltd. (CIX:VSE)

### Begins drill program on Tennyson Claims, Stewart Area

Vancouver, B.C. Consolidated BRX Mining & Petroleum Ltd. has begun its exploration program on the Tennyson property located approximately 20 miles north-northwest of Stewart. BRX must spend \$1,000,000 over three years to earn 51% working interest in the property from Teuton Resources.



The Tennyson property near Stewart.

There is virtually no history associated with the claims previous to 1984 as they were mainly covered by ice and snow. In 1984, an exceptionally mild winter was followed by an unusually sunny summer which caused an extensive retreat of permanent ice and snowfields at many locations in the general Stewart area. This ablation exposed a prominent gossan at the head of Berendon Glacier which was then staked for Teuton Resources.

An airborne survey over the claims by Teuton Resources Corp. in 1984 disclosed a sharp, localized magnetic anomaly on the Tennyson Land 2 claims. In 1985

Teuton Resources carried out a trenching and rock sampling program which proved this extensive gossan carries significant gold-silver mineralization at numerous sites.

Potential exists for a high-grade, epithermal deposit and/or a lower-grade, bulk tonnage, disseminated deposit. The initial phase exploration program of 3,000 feet of diamond drilling will test both of these possibilities. The property is well situated only 5 km west of an existing road. The planned drill program on the optioned Tennyson Gold Zone should create speculative appeal.

NAME	_____
ADDRESS	_____
CITY	_____
STATE/PROV	_____
ZIP	_____
PHONE	_____
SIGNATURE	_____