003001

Sunrise Silver Mug 14 /75 has option on P.23 gold prospect 82F/sw

VANCOUVER — The principals of Sunrise Silver Mines have signed in option agreement with Tamarac Mines for eight Crown granted claims near Ymit, about 30 miles from Trail, B.C., Sunrise President Otto Schweider reports, Prelinsinary sampling earlier this year showed gold values and minor silver values. Mr. Schneider reports. The property has a crosscut leading to a druft in which two ore shoots were partly exploted by taises and winzes. A shaft goes from surface through the easterly ore shoot to the tunnel level.

The company is seeking new financing for a work program, which will include opening the tunnel.

GENL #166 28-8-79 OPTIONED IN B.C.

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GREENWOOD EXPLORATIONS LTD. SRESN

GOLD PROSPECT BEING - Greenwood Explorations Ltd. president Howard L. Toban announces the signing of an agreement, subject to regulatory approval, with Tamarac Mines Ltd. of Victoria, B.C., providing for an option to lease/buy 9 Crown granted claims in the East Kootenay district at Ymir near Trail, B.C.

Mr. Toban says the 320-acre property was first staked in 1897. He quotes from the B.C. Minister of Mines report of 1932 as follows: "some ore, mot exceeding a few 100 tons is known to have been shipped"; "old workings, were reconditioned, accommodation provided and ore extracted for shipment early in 1933"; "the first lot about 22 tons was shipped to the Tacoma smelter from these prospect workings (Powell), the assay analysis being as follows: gold 1.515 oz/ton, silver 0.27 oz./ton, copper 0.05%, arsenic 6.31%, antimony 0.85%, silica 46.8%, iron 17.8%, lime trace, sulphur 1.4% and alumina 1.4%."

Mr. Toban states that there are 3 levels of underground workings over a vertical extent of 250 feet with mineralized veins which have excellent exploration possibilities to develop further tonnage. Previous operators estimated inferred ore reserves of 85,000 tons. The present owners bought the property in 1959 from the estate of E.W.Widdowson, a former provincial analyst. There has been only short term leasing since that time.

GCNL #181 19-09-79 B.C. TO BE FURTHER EXPLORED

GREENWOOD EXPLORATIONS LTD. 82F/6E 082FSW072 TAMARAC PROPERTY NEAR TRAIL - Howard L. Toban, president of Greenwood Explorations Ltd, has reported that Alex Burton, P.Eng., has been retained as a

consultant on the gold-silver Tamarac property near Trail, B.C. Mr.Burton reported on September 10,1979 that the most commonly accepted interpretation of veins is that there is only one curving 'S' shaped vein with variable strike and variable dip. Old records make reference to more than one vein. Available maps are not adequate to support either hypothesis. From my preliminary examination of the surface I believe there to be at least three and possibly six veins The veins have variable strikes and dips and vary in widths from little more than a couple of inches of faulty gouge and breccia to at least four feet and up to 10 feet of width. These ore shoots typically carry 0.5 to 1.5 oz.gold/t plus minor amounts of silver, lead and zinc. Pyrite, chalcopyrite and arsenopyrite are also present. If mapping can show a series of veins and outline their actual and potential ore shoots, then the possibilities for developing an economic tonnage is excellent.

Mr. Burton recommends a preliminary program of mapping, sampling, trenching and bulldozing estimated to cost approximately 018,000.

<u>Greenwood Explorations has</u> signed a takeover agreement with Tamarac Mines, a private company. With the takeover, Greenwoods will own outright the <u>Tamarac</u> gold property in the Kooteney District of B.C.

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In 1980, Greenwood surface diamond drilled 18 holes on the main vein and drill proved 55,890 tonnes grading 0.147 oz. gold per tonne. Averaged weighted vein material from 16 chip samples returned 0.452 oz. gold/tonne in atomic absorption assays and 0.625 oz. gold/tonne in fire assays.

Additional work on the Tamarac vein and other unexplored veins is planned for 1982. GCNL #199

SAMPLING ON B.C. GOLD PROPERTY - In an Oct.9/79 report on the Tamarac gold property near SHOWS BULK MINING POSSIBILITY Ymir between Salmo and Nelson, B.C., held under option by Greenwood Explorations, Alex Burton, P.Eng., reports that he recently "sampled the vein near the portal side of the winze from the surface at the No. 1 level. The old records showed an assay of 0.56 oz. gold per ton across 30 inches at this point, while my sampling showed 1.126 oz. gold. It is normal to expect variations such as this in high gold samples. This tends to confirm my visual estimate of the sampling by Dr. C. Riley and earlier workers whose sampling of the high grade veins ranged from 0.16 to 1.8 oz. gold per ton. It also relates well to the two smelter shipments which ran 1.515 and 1.385 oz. gold per ton." He says more important is that altered volcanics alongside the veins carry appreciable gold. His samples 2, 5 and 6 ran 7 feet grading 0.032 oz/t, 6 ft. 0.040 and 2 ft. 0.084.

16-10-79

"These samples when combined average 0.042 oz/gold/t across 15 feet, a significant width and grade when ... the 30 inches of high grade vein, plus another 2 ft. of visually good grade vein was not included."

He will investigate if 10 to 20-foot widths run high enough in gold for a bulk mining technique to be used instead of high cost selective mining of the better grade veins.

CAL *X37 10-12-79' GREENWOOD EXPLORATIONS LTD. OBJESWOTD OBJE/66 EXPLORATION PROGRAM PLANNED FOR THE TAMARAC - First phases of an exploration program to in-HIGH GRADE GOLD PROPERTY AT YMIR, B.C. vestigate the double potential of the formerly producing Tamarac high-grade gold mine at Ymir, B.C., are nearing completion. Planning is now underway for the next recommended phases of property work.

The Tamarac property, since it was first discovered in 1897, has been considered to have a high-grade gold vein potential for establishing moderate tonnages of reserves of above average gold values. More recent work has suggested a second and related potential. This is a larger tonnage of gold reserves over widths in the 20 to 30 foot range which might permit bulk mining methods both from surface and underground. The potential for such a large tonnage lower grade reserve is to be extensively explored in the current and subsequent phases of property work. In addition to suggesting the larger tonnage potential for the property the recent work has indicated that the original one vein on the property is likely a number of separate veins. The work has also indicated that there are several additional veins each with its own tonnage potential. As the work has progressed the number of known veins has increased from the original one to three, then six, and at last count eleven veins.

This is not to suggest that each of the new veins will develop large tonnage of gold reserves but the work has expanded the number of possibilities available on the property.

The original work on the property is at 4,700 feet elevation, on the west side of Mt. Elise about $2\frac{1}{2}$ miles north of Ymir, 20 miles south of Nelson, B.C. The old working, all on one vein, include a short winze on the vein to a drift level which was broken through to a portal and two winzes to a lower adit level. Old records show production of some 87 tons with a grade of 1.41 to 1.515 oz. gold per ton. This production was carried out in 1902, 1925, and 1933, 1934.

The first phases of work have included examining the available portions of the old working, followed by surface mapping of the geology, soil sampling, prospecting and limited surface work and sampling on the newly-located veins.

The company has obtained the services of a well-qualified geologist, Alex Burton, P.Eng., to supervise the work on the Tamarac property. In one of his early reports he said, "If mapping can show a series of veins and outline their actual and potential oreshoots then the possibility for developing an economic tonnage is excellent. This coupled with the excellent grade makes the Tamarac a good exploration bet."

An indication of the worth of the property at the turn of the century is the fact that a 5,000 foot tram line was constructed in the period 1902 to 1905 and had only just started to operate when a fire burned the entire Salmon Valley in that area including the tram way. One of the most important old records on the property is a 1938 report by Dr.Schofield, a well known mining engineer of the time. He said in part, "Values were obtained through the whole length of the exposed vein in the main tunnel, but higher values and greater widths were obtained where the bends in the vein occur. This gives a probable ore shoot 500 feet long. The width of the vein is $2\frac{1}{2}$ to 6 feet, and ore is exposed in the raise to the surface. The ore in the raise as well as that along the present tunnel is highly oxidized."

He said that he was of the opinion that the "property may be developed into a profitable mine."

The company acquired an option on the property from Tamarac Mines Ltd. by an agreement dated August 21,1979, which provides for cash payments of \$10,000 on Nov.1,1979, now paid, and \$10,000 due March 31,1980, plus a total of 125,000 shares issuable: 25,000 shares on completion of each of phase II and phase III of exploration and the balance of 75,000 shares on attainment of production. The company is also to pay \$1,000,000 out of production at a rate of 10% of net smelter returns.

Additional property information is expected to be available shortly.

GCNL #11 16-01-80 EXPLORATION ON THE TAMARAC GOLD PROPERTY YIELDED ENCOURAGING RESULTS

Clippings

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GREENWOOD EXPLORATIONS LTD.

- OBAFSWOTA 82F 16E Results of a program of mapping, geochemistry, bulldozer and backhoe trenching on the Tamarac gold property at Ymir, B.C., have been received by Greenwood

Explorations Ltd. from consultant Alex D.K.Burton, P.Eng. By an Aug. 21, 1979 agreement, the company received the right to acquire a 100% interest in the property, 40 miles south of Nelson.

Mr.Burton states in part, "Enough favourable information was developed to show that the property has merit as a potential gold producer....Gold veins are found primarily in the feldspar porphyry.....Veins vary from not much more than a gouge filled fracture 0.5 cm across to 2.5 meters of high grade vein with up to three meters of altered and gold mineralized rock on each side."

The geochemical survey located a number of areas of high anomalous readings which correlate well with gold veins. Several anomalies outline concentrations of veins, extensions of known veins, plus new areas for exploration.

During the program a total of 24 vein segments were located on surface. In five of these there is an estimated, unproven potential of 190,000 tons, based on known dimensions of 5.79 meters (19 foot) width by 60 meter (200 foot) depth and 152 meter (500 foot) strike length. Mr.Burton notes, "One set of chip samples across the vein zone averaged 0.194 oz. gold per ton. If the vein is mineralized for its probable 275 meter (900 foot) length its tonnage potential for the same 60 meter (200 feet) depth is 342,000 tons."

There are 14 vein segments located on surface and a further 14 vein segments in the underground workings where further exploration is recommended. Work to date has indicated that gold values on surface are generally lower than those at depth.

The consultant concludes, "None of the known or newly discovered veins have been fully explored. The grades, widths and tonnages postulated are attractive. Further exploration is justified, with the odds of success being better than normal for this kind of deposit. To explore with the hope of developing a million tons of reserves in the 0.1 to 0.2 oz. range seems reasonable and prudent."

He has recommended continuation of the program including: bulldozer and blast trenching, diamond drilling, road construction and underground rehabilitation.

SEVERAL PROJECTS ARE REVIEWED

GREENWOOD EXPLORATIONS LTD. GAL #91 09-05-80 WITH \$1,100,000 IN NEW FUNDS - Howard Toban, president, reports that Greenwood Explorations Ltd. netted approximately \$1,100,000 from the unit offering detailed in GCNL 85 and 89(80).

During the past 8 months, Greenwood participated in 11 wells of which 8 have been completed for production and 2 are currently drilling or testing. In Rice & Barton counties, Kansas, Greenwood have $6\frac{1}{4}\%$ working interest in 4 prospects, 3 of which have yielded producing oil wells. An offset development well in which Greenwood have the same interest is currently drilling.

In McKinley county, New Mexico, a recently completed well in which Greenwood have 20% W.I. before payout and 15% after, is being brought into production.

Greenwood have begun participation in a diversified 8-well program in Kansas, Texas, Colorado and Nebraska to earn working interests varying from 2.5% up to 5%. The first well, in Wharton county, Texas, is currently testing after cementing casing.

In addition to these drilling activities, Greenwood acquired 10% W.I. in a large exploration prospect in North Dakota, the Pintail prospect in the Williston Basin. Over 45,000 acres are held by the partners. The lands are prospective in the Nisku formation at about 3,500 feet with other good objectives both above and below this depth. Negotiations are in progress to obtain drilling partners for a 5-well exploration program on the acreage,

In the coming year, says Mr. Toban, Greenwood will aggressively pursue a diversified program including further drilling in Ohio and Kansas, development drilling offsetting successful discoveries and participation in new exploration ventures. Currently, Greenwood management are considering a very large prospect in the SW U.S. for which lease negotiations are to begin shortly. BAFILE OBAFSWOTZ

Mr Toban expects Greenwood Explorations to have participated in at least 40 wells by the end of 1980. He also states that Greenwood are readying the Tamarac gold property about 22 miles north of Ymir in SE B.C. for the surface work recommended by Alex Burton, P.Eng., including bulldozing, trenching, and general preparation for diamond drilling.

Greenwood Explorations Ltd. has reported that an eight man crew and equipment has started GCNL #123 work on the Tamarac gold property located $2\frac{1}{2}$ miles north of Ymir in southeast B.C. The program is to include blast trenching of the various gold veins to permit sampling and mapping. The geological and geochemical surveys are being extended to explore anomalies identified in the 1979 exploration season. Diamond drilling is expected to be underway near the end of June.

Greenwood has a 17% working interest in five successful wells in Washington county, Ohio. Three are connected to pipelines and are producing oil and gas with the other two wells to be tied in shortly. The company has participations in a 1980 program to drill six further wells in the same area. A further project calling for ten more wells is also to be participated in by Greenwood.

NO.123(JUNE 25,1980) This publication owned, published and copyrighted by George Cross.

GCA) L GRAB S	*131 Amples yi	16-07-80 IELD GOOD V) <u>G</u> VALUES -	REENWOOD EXPLORATIONS LTD. 82F/6E OBAFSWO72 Greenwood Explorations Ltd. has reported that eleven grab		
÷.				samples taken by Alex Burton, P.Eng., from new surface		
cuts on the Tamarac gold property, Ymir, B.C., assayed as follows:						
Sample	Gold	Sample	Gold	Diamond drilling has started. The first two drill		
No.	<u>Oz/Ton</u>	No.	0z/Ton	holes are completed and intersected the Tamarac vein at		
AB 1	0.214*	AB 7	0.132	the projected down dip position. A total of 4,000 feet		
2	0.254*	8	0.068	of diamond drilling will be completed in the current		
3	0.182*	9	0.137	program.		
4	0.335*	10	0.062			
5	0.082	11	0.228			
6	0.035	*new_cu	ts			

28-08-80 GREEN 100D EXPLORATIONS LTD. 082FSW072 GCNL #167 BAFILE FIRST ASSAY ARE ENCOURAGING FROM - A 20-hole diamond drill program is under way at the Tamarac gold property, one mile north of Ymir, B.C. The 20-HOLE DIAMOND DRILL PROGRAM program is estimated to cost \$250,000 with 18 of the

holes now completed and assay results available from the first six holes completed. The work is under the direction of Alex D.K.Burton, P.Eng., geological consultant, who stated that from a technical and assay value point of view the program to date has been successful.

Blast trenching yielded a number of surface grab samples from the main Tamarac vein as well as from three other veins. The assays from these samples ranged from 0.035 oz. to 0.335 oz.gold per ton. Follow-up work is to be carried out on the three new veins as exploration is concentrated on the Tamarac vein.

The technical work of projecting the Tamarac vein some 300 feet below surface, or 600 feet down its dip length was successfully completed and confirmed by diamond drill holes. The new holes have confirmed the vein over a length of 300 feet. One of the holes intersected the vein 300 feet below the surface trace adit level and is considered a most important vein extension drill hole. Assay results in and near the vein are as follows:

 $\frac{31}{2}$ feet 0.206 oz.gold/ton

5 feet 0.10 oz.gold/ton

5 feet 0.310 oz.gold/ton 2 feet 0.53 oz. gold/ton

feet 0.024 oz.gold/ton One vein intersection across $6\frac{1}{2}$ feet returned an erratic high value of 32.20 oz.gold per ton. On check assaying, this sampleran 6.65 oz.gold per ton. This is considered a good confirmation result. Mr. Burton was quick to point out the assay itself is only significant in that it indicates there are higher grade sections in the vein but that the grade is not likely to be representative of any substantial tonnage.

In summary, the work has confirmed the vein length and width, indicated that there are shoots within the vein of a grade similar to ore shipments reported in the 1932 B.C.Minister of Mines report as: 25 tons grading 1.45 oz.gold per ton; 24 tons grading 1.40 oz. gold/t and 34 tons grading 1.48 oz.gold per ton. In addition. the work has shown that gold values continue into the wall rock for short distances. While these values are low, they could be significant in building tonnage as the work continues.

The company is considering a proposal to advance the No.3 adit level crosscut adit level from its face at 650 feet from the portal some 275 feet to the projected vein intersection. When the vein is intersected, the next stage of development would include raises and drifting along the vein to establish tonnage and grade of the gold mineralization.

GCNL #203

		Gold
Hole No.	Width	0z/Ton
Intersection	ons in Tamar	ac Vein:
т-80-7	3.5 feet	0.206
т-80-8	15.5 feet	0.129
or	23.5 feet	0.084
т-80-9	17.5 feet	0.034
including	5.5 feet	0.057
т-80-10	29 feet	0.142
including	5 feet	0.735
т-80-15	4 feet	0.208
Intersecti	ons in First	New Vein:
T-80-11	10 feet	0.053
т-80-12	4 feet	0.71
T-80-13	low	values
Intersecti	ons in Secon	d New Vein:
T-80-14	13 feet	0.062
Intersecti	ons in Third	New Vein:
T-80-14	1.3 feet	0.648

21-10-21

GREENWOOD EXPLORATIONS LTD. OBAFSW072 BAF 65 DIAMOND DRILLING ON THE TAMARAC PROPERTY HAS RETURNED GOOD GOLD VALUES IN FOUR VEINS

Assay results from the diamond drilling of 20 holes on the Tamarac gold property, located one mile north of F Ymir, 25 km south of Nelson, B.C., have established vein continuity, a central higher grade core, plus three other veins where further work is recommended.

The adjoining table shows the intersections in each of the 4 known veins on the property. Holes No.T-80-7, 8, 9 and 10 are all on the Tamarac vein, down dip from the Powell working which produced ore in the 1920's and 30's which assayed approximately 1.0 oz. gold per ton. The drilling has established that surrounding the higher grade core of the Tamarac vein there is a lower grade envelope on both the hangingwall and footwall sides. The next phase of diamond drilling, together with

advancing underground workings, is being planned.

GENL #241 15-12-80 FREENWOOD EXPLORATIONS LTD. 82F/6E 082FSW07

GOLD RESERVES ON THE - On the basis of 18 diamond drill holes completed in 1980, plus TAMARAC PROPERTY, B.C. sampling and mapping of the vein both on surface, through sampling

of bulldozer and blast trenches, and from underground, the company's consultant has calculated reserves of 630,000 short tons grading 0.103 oz.gold/t. The reserves are classified as drill proven, probable and possible. The average thickness of the vein, where it has been tested in more detail, is 4.08 meters(about 13 feet).

The <u>Tamarac</u> vein on the gold property located one mile north of Ymir, 20 miles south of Nelson, B.C., has been established by the work to date to be uniform, striking eastwest and dipping to the north at -32°, with a higher grade core and lower grade gold mineralization on the foot wall and hanging wall sides.

The work on the other veins on the property has only been sufficient to show that the veins are similar in character and grade to the Tamarac vein.

Alex Burton, P.Eng., consultant, notes, "There is thus the potential for an economic tonnage and grade in the Tamarac vein....further work is justified." Trenching has traced a second vein, a new discovery, 60 meters.

The exploration and development program being planned for the property for 1981 is intended to supply sufficient data upon which a positive production decision can be based.

Shareholders at the annual meeting on 15Dec80 will consider a proposal to split the company's shares on the basis of one old share for three new shares. This change will facilitate share trading and a new equity financing that has been under negotiation and will be subject to approval of regulatory authorities.

> Greenwood Explorations president, H. Toban reports proven, probable, and possible reserver of 630,000 short ions grading 0.103 oz. gold per ion in the <u>Tamarao</u> vein located on their property approximately 20 miles south of Nelsol. Tabulation of these results is based on an 18-hole diamond drill program conducted in 1980, plus sampling and mapping of vein material is surface and underground. Work on other veins indicates they are similar in character and grade to the Tamarac. **BAFIGE** A proposal to split the company's shares on the basis of one old share

A proposal to split the company's shares on the basis of one old share for three new shares is currently being considered. Such a change, subject to regulatory approval, would facilitate share trading and a new equity financing.

OR FEB 81 CREENWOOD EXPLORATIONS LTD. O. SECOND FORMER COLD - A 100% interest in the 11 claim Snowshoe mine, located 10 miles from PRODUCER ACQUIRED · Libby, in Lincoln county, Nontana, has been acquired by Greenwood Explorations Ltd., subject to regulatory authority approvals. This former producer yeilded 130,000 tons of ore containing gold, silver and lead, in the period between the late 1800's and the late 1930's. There are over 11,000 feet of old workings, including a 500 foot vertical raise and a 600 foot vertical winze, plus a number of production s_{i} levels. The production was drawn from approximately one-third of the length of the known y with the other two-thirds of the vein open to exploration and holding good potential. One N the assets of the property is an approved mill site location some seven miles from the ${
m ui}$ On this mill site there is an existing but not currently operating 50 tons per day mill, Greenwood pland a diamond driftling program to test the voin. The company also holds the Tamazac gold ming located one mile north of Ymir, 20 miles

south of Helson, B.C. where reserves are calculated at 630,000 tons grading 0.103 oz. gold/t. and classified as drill proven, probable and possible.