Debble, Westmin A.R. 1986.



Diamond drill location on Big Missouri precious metals property near Stewart, B.C.

waste-to-ore ratio of 2.34:1. The 1986 drilling has better defined the distribution of higher grade mineralization in the S-1 and Province zones and increased the mineable reserves. Some pits remain open to expansion of reserves in various directions.

Based on U.S.\$390 gold and U.S.\$5.40 silver and cash operating costs of \$134 per ounce and \$3.06 per ounce respectively, it is estimated that the capital (\$62,000,000) and operating costs can be paid back within two years.

During the first three years of higher grade production, annual output is estimated at 80,000 ounces of gold and 560,000 ounces of silver, Westmin has vested a 50 per cent working interest in the Silbak Premier property and British Silbak Premier Mines has elected to have Westmin continue making expenditures to a total of \$6.7 million, at which time Westmin must provide a feasibility study and British Silbak may elect a 50:50 joint venture or undergo dilution to a 20 per cent carried net profits interest.

Westmin has earned a 70 per cent working interest in the Big Missouri property. Tournigan Mining Explorations retains a 30 per cent net profits interest from which Westmin may purchase an additional 7½ per cent interest for \$1,000,000 within 90 days of commencement of commercial production.

Canacord Resources Inc., which provided \$3 million for the 1986 exploration program, has earned an 18.75 per cent working interest in Westmin's interest in the project.

Debbie, British Columbia

Initial diamond drilling has led to the discovery of two significant gold-bearing zones on the Debbie property in the Port Alberni area, along the Sicker belt traversing Vancouver Island. Westmin has a 50 per cent interest in the property, while Nexus Resource Corporation and Angle Resources Limited have earned a 50 per cent interest in the project by funding a \$1,000,000 exploration program. Preliminary geological

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and geophysical programs in early 1986 identified several precious and base metal targets.

In the Mineral Creek area, initial drilling intersected an extensive zone of pyritic, quartz-carbonate alteration in mafic volcanic rocks of the Sicker Group. Eleven holes have been drilled along a strike length exceeding 1,650 feet. Six of these holes intersected significant gold values in excess of 0.12 oz/t, the best of which are:

			Gold	
	Ft.	(m)	oz/t	(g/T)
DM5-86	9.0	(2.7)	0.31	(10.6)
DM12-86	4.9	(1.1)	0.39	(13.3)
DM15-86	7.7	(2.3)	0.56	(19.0)

Drilling in the 900 zone, which is about 4,000 feet (1.220 metres) southwesterly from the Mineral Creek zone has intersected significant gold values in bedded cherts, cherty tuff and jasper of the Sicker Volcanics. Three of the seven holes in the zone penetrated this cherty unit and returned important gold values, most important of which are:

DN8-86, 11.8 feet (3.6 metres) grading 0.21 oz/t (7.3 g/T)

DN13-86, 5.9 feet (1.8 metres) grading 0.22 oz/t $(7.6 \, \text{g/T})$ DN50-87, 44.3 feet (13.5 metres) grading 1.13 oz/t (39.0 g/T)

The significance of these intersections prompted Angle Resources and Nexus to request acceleration of the project and as a result, their \$1,000,000 work obligation was completed prior to February 28, 1987. Diamond drilling is continuing with three drills active on the two gold-bearing zones.

Little Stull, Manitoba

Westmin Resources and Barringer Magenta Limited are equal partners in the Little Stull project, in northeastern Manitoba, near the Ontario border. Tanqueray Resources Limited has acquired the right to earn a 35 per cent interest in the project by providing \$350,000 in exploration funds. Diamond drilling of a chlorite-carbonate alteration zone at the contact between basalts and sediments has intersected gold mineralization in several holes. Thirty-one holes totalling 9,900 feet (3000 metres) have been completed along a three mile (five kilometer) length of this contact. The most significant intersections are listed below.

	Length		Gold	
Hole No.	feet	(m)	oz/t	(g/T)
1	3.3	(1.0)	0.21	(7.3)
3	4.8	(1.5)	0.48	(16.5)
5	3.3	(1.0)	0.36	(12.3)
16	4.9	(1.5)	0.49	(16.7)
19	3.3	(1.0)	1.16	(39.8)
21	3.3	(1.0)	0.34	(11.5)
31	3.3	(1.0)	5.92	(202.6)

Holes 1, 3, 5 and 31 are part of a mineralized zone which exceeds 2,300 feet (700 metres) in length. This zone has been tested by eleven shallow diamond drill holes; six of which penetrated one or more sections grading in excess of 0.10 oz/t (3.4 g/T) gold. The zone remains open to the southeast and at depth.

Mineralized sections in diamond drill holes 16, 19 and 21 are 650 feet (200 metres) to 1,600 feet (500 metres) from the nearest drill holes and will require additional testing.



Manitoba

Gold Deposits



Diamond drilling began in late January, 1987 to evaluate previously discovered gold showings on the Westmin/ Barringer Magenta Limited equally-held Utik property. Polestar Explorations Inc. will provide \$980,000 in exploration funds over two years to earn a 30 per cent interest in the property.