

NO. 219(1990)
NOVEMBER 13, 1990

George Cross

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COLUMBIA GOLD MINES LTD. (COB-V)

GOLD ZONES DISCOVERED - John S. Brock, president, reports widespread gold zones have been discovered on the 125 claims units, 6,300-acre Spectrum property, in the North Iskut gold camp within the Stikine Arch region of northwestern B.C. SEE TABLE OF DRILL RESULTS OVERLEAF PAGE 2. The property is located 16 miles west of the Stewart-Cassiar Highway and the village of Iskut. Columbia can earn 70% interest in the property by completing a \$2,000,000 exploration program on the Spectrum claims as well as a \$1,200,000 exploration program on the adjacent Hawk claims. When the options are exercised in 1998, Calnor Resources Ltd. and Northair Mines Ltd. may elect to participate in a joint venture as to 30%, or 15% each.

Structurally controlled high grade gold zones along with disseminated low grade gold/copper mineralization are associated with a large alteration system in andesitic volcanics. Exploration this past season has been focused on the eastern portion of the altered zone where a gold soil geochemical anomaly measuring 3,000 by 5,000 feet defines a large gold mineralized system.

Gold mineralization has been outlined by trenching and drilling programs. This year's drilling of north-south controlling structures led to discovery and drill definition of the 500 Colbur, QC and Porphyry gold zones which contain visible gold, pyrite, arsenopyrite and minor base metals within potassic to propylitic altered andesite tuffs.

The QC Zone has now been outlined along an 1,800-foot length and to a depth of 800 feet. To date, 12 of 15 holes drilled have reported significant gold values that average 0.36 oz. gold/ton over 16.3 feet. The three deepest holes, S-4, 90-46 and 90-59 indicate increasing thickness and grade with depth with values reaching 0.30 oz. gold/ton over 74.8 feet. The zone remains open along strike and to depth.

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Drilling along a 1,000-foot strike length of the Porphyry zone to a depth of 200 feet has intersected values to 0.20 oz.gold/ton over 25 feet with higher grade intervals assaying 0.40 oz.gold/ton over 10 feet. The Porphyry zone, located about 100 feet west of the QC mineralization, also has a steep westerly dip and occurs within a broad zone of gold-copper values grading 0.04 oz. gold/ton and 0.11% copper over a 300-foot thickness.

The 500 Colour zone trends northwesterly and also dips steeply to the west. Five of 10 holes drilled have intersected an average grade of 0.45 oz.gold/ton over 16.3 feet along a 2,500-foot strike length.

Preliminary prospecting and sampling of areas peripheral to the large altered and mineralized gold system has been successful in defining additional high grade gold showings. Chip samples off the West Creek showing assayed 1.1 oz.gold/ton over 13.5 feet. Other gold veins, one of which has been previously explored from underground, occur on trend to the north of the Porphyry and QC Zones on the Hawk claims.

Columbia Gold Mines' 1990 exploration program has outlined a number of northwest-trending structurally controlled gold zones on the Spectrum property. The best gold values so far have been discovered along a 1,800-foot length and to a depth of 300 feet within the QC Zone that contains 1,800-foot length and to a depth of 300 feet within the QC Zone that contains gold grades of 0.30 oz.gold/ton over 75 feet. All mineralized zones remain open along strike and to depth with gold grades improving with depth. Further exploration is warranted in order to determine the ultimate size of these deposits through continued diamond drilling. Management considers the results to date suggest the potential for defining reserves in the five to ten million-ton range on the Spectrum property. (SEE GCNL No. 204, OCT.22/90, P.1 FOR PREVIOUS DRILL RESULTS)

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**SPECTRUM PROPERTY
SUMMARY OF DRILL HOLE ASSAYS**

HOLE NO.	ZONE	INTERVAL (Ft.)	LENGTH (Ft.)	GOLD (Oz/T)
S-2	Porphyry	324.8 - 333.0	8.2	0.23
S-4	Porphyry	76.0 - 86.0	10.0	0.40
	QC	302.0 - 332.0	30.0	0.59
		Incl. 302.0 - 312.0	10.0	1.48
79-1	Porphyry	92.5 - 101.7	9.2	0.21
	QC	337.8 - 342.8	5.0	0.13
79-2	QC	221.0 - 226.3	5.3	0.48
79-3	500 Colour	110.9 - 129.9	19.0	0.96
		Incl. 122.3 - 129.9	7.5	2.36
79-8	500 Colour	97.0 - 114.8	17.8	0.38
79-16	Porphyry	269.6 - 277.1	7.5	0.18
79-17	Porphyry	155.8 - 160.7	4.9	0.47
	QC	210.0 - 214.9	4.9	0.34
79-18	Porphyry	179.5 - 187.0	7.5	0.66
79-19	Porphyry	332.6 - 339.2	6.6	0.27
79-21	Porphyry	320.0 - 326.6	6.6	0.41
79-22	Porphyry	135.5 - 142.1	6.6	0.14
79-26	QC	341.0 - 349.9	8.9	0.18
79-27	QC	295.2 - 303.4	8.2	0.13
79-28	QC	105.0 - 108.3	3.3	0.46
89-33	500 Colour	2.0 - 30.9	28.9	0.29
89-34	QC	202.0 - 207.6	5.6	0.52
	Porphyry	500.0 - 503.0	3.0	0.27
89-38	FOG	356.0 - 362.6	6.6	0.27
90-44	500 Colour	168.0 - 175.0	7.0	0.16
90-45	500 Colour	79.0 - 88.0	9.0	0.28
90-46	Porphyry	150.0 - 175.0	25.0	0.20
	QC	375.0 - 408.0	33.0	0.36
90-47	Porphyry	205.0 - 225.0	25.0	0.13
	QC	364.0 - 369.0	5.0	0.58
90-56	Porphyry	95.0 - 100.0	5.0	0.32
	QC	315.0 - 350.0	35.0	0.14
		Incl. 329.0 - 340.0	11.0	0.21
90-59	Porphyry	249.3 - 257.3	8.2	0.60
	QC	330.0 - 404.8	74.8	0.30
		Incl. 330.0 - 366.7	36.7	0.51
90-60	Porphyry	267.0 - 272.2	5.2	0.20

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