

NO.204(1990)
OCTOBER 22, 1990

George Cross

Reliable

WESTERN CANADA

COLUMBIA GOLD MINES LTD. (COB)

GOOD GOLD ASSAYS FROM SPECTRUM PROJECT-Continued drilling along strike and to depth from discovery hole 90-46 has resulted in the intersection of significant gold values in two distinct zones of gold mineralization that have only recently been recognized on the Spectrum property located in the North Iskut Region of the Stikine Arch, NW B.C.

Drill hole 90-46 was previously reported to have intersected 0.20 gold ton/oz over 25 feet in the Porphyry Zone and 0.36 gold oz/ton over 33 feet in a lower zone now called the QC Zone. Drill results to date are summarized.

<u>HOLE NO.</u>	<u>ZONE</u>	<u>INTERVAL (FT.)</u>	<u>LENGTH (FT.)</u>	<u>GOLD OZ/TON</u>
90-46	Porphyry	150-175	25.0	0.20
	QC	375-408	33.0	.36
90-56	Porphyry	95-100	5.0	.32
	QC	315-350	35.0	.14
	(incl.)	329-340	11.0	.21
90-59	Porphyry	249.3-257.5	8.2	.60
	QC	330.0-404.8	74.8	.30
	(incl.)	330.0-366.7	36.7	.51
90-60	Porphyry	267.0-272.2	5.2	.20
	QC	DID NOT REACH TARGET DEPTH		

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Hole No. 59 was collared 180 feet south of hole 90-46 and intersected the QC Zone from 330.0 ft. to 404.8 ft.: a 74.8 foot interval grading 0.30 gold oz/ton. The QC Zone consists of structurally controlled intensely silicified and carbonate altered andesitic tuffs containing pyrite, arsenopyrite and visible gold. Higher in the hole the Porphyry Zone was intersected from 249.3 to 257.5 feet which interval assayed 0.60 gold oz/ton over 8.2 feet. The Porphyry Zone is also structurally controlled and occurs within silicified and pyritized andesitic tuffs containing visible gold.

Drill hole 90-56, located approximately 260 feet south of hole 46, intersected both Zones with values to 0.21 gold oz/ton over 11 feet in the QC Zone.

Both the QC and Porphyry Zones trend north-south and dip steeply to the west. Prior drilling of short holes along a 1000 foot strike length within an area located over 500 feet south of hole 46 targetted a reserve of over 2,000,000 tons grading 0.04 gold oz/ton. Only a few of the prior holes were drilled deep enough to intersect the QC Zone. The deepest hole, 79-S-4, located 1100 feet south of Hole 46, cut the QC Zone at a depth of approximately 300 feet and assayed 0.59 gold oz/ton over 29.7 feet.

John S. Brock, president of Columbia Gold said in summary, the 1990 exploration program has outlined northwest trending structurally controlled gold zones on the Spectrum property. The best gold values so far have been discovered along a 1800 foot length and to a depth of 300 feet with gold grades reaching 0.30 gold oz/ton over 75 feet. All three Zones remain open along strike and to depth.

Columbia has the option to earn 70% in the Spectrum property by spending \$2,950,000 on exploration by 1998, at which time Calnor Resources Ltd. and Northair Mines

Ltd. may elect to participate in a joint venture as to 30%, or 15% each.

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