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## LADNER CREEK PROJECT

#### **OPTIMUM ECONOMICS WITHOUT USE OF CYANIDE**

Vancouver, B. C.; April 9, 1996: Athabaska Gold Resources Ltd. is very pleased to report that the results from the recently completed major bulk sample metallurgical test program on ore from the Ladner Creek Mine, and proposals now received from smelters, have firmly established that the optimum mill process is a simple flotation-only circuit, with the gold bearing flotation concentrates to be shipped to a custom smelter. This process is very advantageous in that it not only yields the optimum, and very favourable, economic results of the numerous processes evaluated, but it also totally eliminates the use of cyanide in the Ladner Creek mill. This factor is significant, eliminating any possible concerns about permitting and the meeting of environmental standards.

A cash flow projection, based on this flotation/smelting option, at a gold price of US \$380 per ounce, indicates an annual operating profit of C \$8.5 million. The capital cost to rehabilitate the mine and mill for full scale production is estimated at less that C \$7.0 million. Projected annual gold production is 51,400 ounces per year at a cash cost (including smelting, refining and transportation of concentrates) of US \$259 per ounce.

Calculations of Ladner Creek ore reserves and mine planning are continuing, involving the computerization of a large volume of historical mine reserve data and incorporating the assay and geological data obtained in Athabaska's recent successful drill program. Many of the new zones of gold mineralization discovered in the latest underground holes remain open for extension. More underground drilling will be carried out prior to completing the final feasibility report.

Completion of the feasibility report is targeted for July 15, on a schedule to provide for gold production to commence by December 1, 1996.

ATHABASKA GOLD RESOURCES LTD.

J. S. Kermeen, M.Sc., P.Eng. President



Symbol: AHB:TSE S.E.C. 12g3-2(b) Exemption: #82-1906

# LADNER CREEK PROJECT

## High Grade Gold Intersection Continues to Extend New Zone

Vancouver, B.C.; February 8, 1996: Athabaska Gold Resources Ltd. is pleased to report that a 13 foot interval, within a wider 36 foot section of ore grade mineralization in step-out Hole #934-4, has assayed 0.30 ounces Au/ton. This hole is drilled on Section 934N, 216 feet (66m) south of the wide interval of ore grade intersections reported on February 1, 1996 from Hole # 11000-71.

Hole No.	From (m)	To (m)	Interval (m)	Interval (feet)	Fire Assay oz Au/Ton
934-4	13.88	16.88	3.00	9.84	0.081
	119.75	130.73	10.98	36.02	0.129
including	119.75	127.70	7.95	26.08	0.166
including	119.75	125.70	5.95	19.52	0.209
including	119.75	123.70	3.95	12.96	0.300

Significant gold assay results received to date from Hole #934-4 are summarized as follows:

Hole #934-4 bottomed in new zone mineralization at a depth of 456 feet due to the capacity of the smaller drill machine used and has therefore not fully tested the projection of the wide zone of ore grade mineralization encountered in Hole #11000-71 to the north.

Athabaska management is enthusiastic about the excellent tonnage potential of this new zone and feels that only Hole #11000-71 has tested the deeper western limits of this zone between sections 934N and 11100N. The zone lies just to the west of and parallel to the previously mined Ladner Creek orebodies and thus will be easily accessed from existing underground mine workings. The zone is wide open north of section 11100N and for a distance of 750m south of Section 934N to the 800 level portal area.

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# LADNER CREEK PROJECT

# Numerous Ore Grade Intersections Encountered within an Extremely Wide Zone of Gold Mineralization in Hole 71.

Vancouver, BC, February 1, 1996: Athabaska Gold Resources Ltd. is pleased to report that numerous intervals of ore grade gold mineralization were intersected within a very wide zone of continuous gold mineralization in diamond drill hole #71 on section 11000 north at Ladner Creek. Assay results have been received to date only from a depth of 153.92 metres to the bottom of the hole. Results from higher up in the hole where other mineralized zones were encountered will be reported when available.

Hole No.	From (m)	To (m)	Interval (m)	Interval (feet)	Fire Assay ozs Au/Ton
11000-71	154.89	163.00	8.11	26.61	0.176
	178.30	182.30	4.00	13.12	0.095
	191.00	196.94	5.94	19.49	0.104
including	192.00	195.00	3.00	9.84	0.126
	226.50	229.50	3.00	9.84	0.118
	247.32	262.50	15.18	49.80	0.117
including	247.32	251.32	4.00	13.12	0.122
and	255.50	262.50	7.00	22.97	0.149

Significant intersections received to date are summarized below.

It is significant to note that all of the above intersections occur within a 363 foot interval of continuous gold mineralization grading 0.06 opt.

Hole #71 is a step out hole 50 metres to the south of the high grade intersection previously reported in hole #63 (29.5 feet grading 0.33 opt).

The Hole #63 discovery was first followed up with a step out hole 50 metres to the north (Hole #61 on Section 11,100) which yielded wide high grade gold assay intervals reported in News Release dated January 19, 1996, as follows:

Hole No.	From (m)	To (m)	Interval (m)	Interval (feet)	Fire Assay oz Au/ton
11100-61	176.68	177.83	1.15	3.77	0.135
	183.83	191.00	7.17	23.52	0.181
including	186.93	190.00	3.07	10.07	0.370

All of the above listed intersections lie well to the west of the originally targetted down-plunge extension of the previously mined orebodies. As such, they indicate new zones which have a very large unexpected potential for new ore reserves both north and south from the current drilling.

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# LADNER CREEK PROJECT

# McMASTER ZONE EXTENDED BY NEW SURFACE DRILLING

**Vancouver, B.C., January 8, 1996:** A surface diamond drill hole on the McMaster Zone, one kilometre north of the Ladner Creek mill, intersected 0.15 ounces of gold per ton over a core length of 42.4 feet (12.92 metres). This represents a major extension of the zone in an area where it had previously been interpreted to have been cut off by a fault. This new wide zone of good grade gold mineralization is open for extension both along strike and to depth.

Six holes were completed on the McMaster Zone before drilling was interrupted by an early heavy snowfall. Drilling will resume as soon as conditions permit in the spring. Significant assays are listed below:

Hole No.	From (m)	To (m)	Interval (m)	Interval (feet)	Fire Assay (oz gold/ton)
McM 14-95	37.10	39.40	2.30	7.50	0.062
	52.22	55.49	3.27	10.80	0.084
McM 15-95	30.88	33.88	3.00	9.90	0.100
McM 17-95	49.12	52.69	3.57	11.70	0.110
McM 18-95	58.17	61.67	3.50	11.40	0.075
McM 19-95	54.48	67.40	12.92	42.40	0.148

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# LADNER CREEK PROJECT

## UNDERGROUND DRILLING INTERSECTS NEW HIGH-GRADE ZONE

Vancouver, B.C., January 3, 1996: A new zone of high-grade gold mineralization has been discovered in drilling from the recently completed 875 level drift extension. This drilling, designed to test the down-plunge projection of the ore zones mined in the prior operation, encountered the new strongly mineralized zone in an unexpected geological environment.

Gold assays from the discovery hole through this new zone average 0.33 ounces of gold per ton across 9.0 metres.

This discovery, occurring 50 metres below and 80 metres north of the 800 level drift, is geologically very significant. The high-grade mineralization occurs in volcanics. Previous Ladner Creek ore has been restricted to a sedimentary host rock. This discovery dramatically enhances the Ladner Creek project reserve potential.

Drilling continues to define this new zone and to test the previously known targets. Two diamond drills are currently working underground. Results will be released when received and compiled.

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### ATHABASKA REVIEWS GOOD PROGRESS ON LADNER CREEK AND OTHER PROJECTS

Vancouver, B.C.; February 20, 1996: Athabaska Gold Resources Ltd. is very pleased to report good progress on the Ladner Creek Project feasibility study. The initial phase of new underground development and diamond drilling is now complete. The Company is well advanced in geological compilation and new reserve tonnage calculations combining the current drilling data with all previous reserve data. The most exciting result of this drill program has been the discovery of a wide open new zone of ore grade mineralization well to the west of the previously defined zones (see News Releases dated January 3, 19, February 1 and February 8.) As a consequence of this new discovery, the footage drilled in this first phase of drilling was much greater than originally planned. More drilling to place the mineralization in this new zone into a proven reserve category may be desirable prior to completing a final feasibility study.

The Company is also pleased with the results to date from the nearly completed bulk sample metallurgical test program being conducted by Melis Engineering Ltd. and Lakefield Research. Current work is optimizing the economics of three process options that have yielded good recoveries (whole ore cyanidation, flotation followed by cyanidation of concentrate and direct shipping to a smelter of a high grade gold concentrate). The mill modification capital costs, operating costs and overall recoveries for each of these options are being compared to determine the most favorable process.

Drill testing and assaying of the tailings pond reserve has now been completed. This work has validated earlier Company estimates of both the tonnage and grade of the tailings resulting from the previous mining operation. The proven tailings reserve has now been confirmed at 881,000 tons grading 0.051 oz/ton Au. Preliminary conclusions from the ongoing tailings bulk sample metallurgical test program are confirming the economic viability of re-processing these tailings.

The Company also anticipates more positive news, through the Spring, from its other active projects.

#### Warburton Bay Project, N.W.T.

On the 170,000 acre Warburton Bay Diamond Project, central to the N.W.T. diamond play, till sample indicator mineral analysis is ongoing. Early results indicate some G9 and G10 garnets and other favorable diamond indicator minerals have been found down-ice from a number of previously defined geophysical targets that may reflect diamondiferous kimberlite pipes. Detailed indicator mineral results and drilling plans will be announced when this work is complete.

#### Alliger Lake West Project, Labrador

On the Alliger Lake West Project, in Labrador, the Company has been advised by the project operator that, weather conditions permitting, drilling of the strong 800m geophysical anomaly that has been defined on these claims should commence during March.

#### Xiacun Project, China

Athabaska has exercised warrants to increase its direct holding in Breckenridge Resources Ltd. (BKD:VSE) from 18% to 25% and holds additional warrants to increase its interest to 30%. Athabaska also has a right of first refusal to participate in future Breckenridge financings. The recently released results of the Rescan Engineering Ltd. Prefeasibility Study on Breckenridge's Xiacun silver-base metal massive sulfide project in Sichuan Province, China has indicated this major project can be developed as an economically very robust 1500 tonne per day mine/mill complex. (initial operating profit of US\$ 46 million per year against a total capital expenditure of US\$ 86 million) Breckenridge has signed an Agreement in Principle with respect to the acquisition of a 67% interest in this project and is now negotiating the final operating joint venture agreement with a consortium of Chinese government entities. The next step in completing a final bankable feasibility study for this project will be mining a large underground bulk sample and transporting this sample to Canada for definitive test work to confirm the favorable metallurgical results obtained to date.

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February 20, 1996