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Results of 2005 Exploration Programme at Beschoku Gold/Copper Prospect

Frontier is pleased to announce the results of its 2004-2005 exploration programme at the Beschoku gold/copper prospect.

Highlights

- Internal evaluation of drilling assays, mineralogical data and geology indicate that Beschoku is a high-grade gold and copper deposit which is interpreted as a “bonanza” or “hydrothermal breccia pipe” (the “Pipe”). It currently covers a 300 metre by 150 metre area at the surface and dips to the northwest at 80 degrees.
- In 1980, the Kazakhstan Geological Survey drilled a 140 metre vertical hole that contained 14 gpt gold and 1% copper
- Frontier and Rio Tinto sampled the adit in 2002 and received assays of 8% copper and 19.5 grams per tonne (“gpt”) gold
- Frontier collected two 300kg bulk samples from the shaft and adit for metallurgical testing on oxide ore that included copper grades ranging from 2.7% to 10.4% with copper leach recovery reaching 75% at -10mm

The 2005 exploration programme covered approximately 0.2 km², just 0.1% of the total 231.2 km² Beschoku-Yubileiny commercial discovery area. The programme included 0.2 km² of alteration mapping; three 1.5 km-long soil geochemical profiles on a 200 metre by 40 metre grid yielding 25 samples; three magnetometer profiles; one Induced Polarisation-Chargeability profile 0.5 km in length; and 434.2 metres of core drilling consisting of five core holes ranging in depth from 74 metres to 119 metres.

Brian Savage, CEO of Frontier comments, “The discovery of this high-grade deposit following the exploration of a small portion of the Beschoku prospect is encouraging. We are excited about the potential of this prospect and look forward to reporting on future drilling results in due course.”

Beschoku copper oxide and sulphide resource summary

Deposit	Present size (km ²)	Cu Ore (mln t)	Cu Grade (%)	Contained Copper (tonnes)
Beschoku oxide	0.12	3.8	1.10	41.800
Beschoku sulphide	0.12	3.6	0.68	24.400
Total oxide and sulphide	0.12	7.4	0.89	66.200

Beschoku gold resource summary

Deposit	Present size (km ²)	Au Ore (mln t)	Au Grade (g/t)	Contained Gold (tonnes)
Beschoku gold	0.013	0.785	5.6	141.480 oz

2005 Exploration Update at Beschoku Gold/Copper prospect

The exploration programme included the following:

Hydrothermal alteration mapping

This was conducted at a scale of 1:10,000 covering an area of 0.2 km² using specially acquired Ikonos satellite panchromatic imagery with 1metre resolution as the basis for mapping. The following significant finds were identified:

- Gold/copper mineralisation is hosted within “hydrothermal breccia pipe” and to the north within skarnified granites.
- Mineralogical investigation indicates a high degree of potassic alteration in the rocks expressed as muscovite. Two forms of gold are evident. The first type is free gold in quartz veinlets in the basaltic host rock and the second type is free gold inclusions in pyrite and chalcopyrite.
- Several sites in the immediate proximity have geochemical anomalies similar to the Pipe. These anomalies suggest the presence of additional breccia pipes that will be investigated in future work.

Core drilling at Beschoku

434 metres of drilling has been undertaken over five holes ranging from 74 to 119 metres deep. There were 317 samples taken. The drilling programme was designed to;

- test gold and copper soil geochemical anomalies; and
- provide data for copper and gold resource estimation to serve as part of the pre-feasibility study.

Results of the drilling programme indicated that:

- The gold-copper breccia pipe currently covers a 300 metre by 150 metre area at the surface and dips to the northwest at 80 degrees.
- Thickness of copper intervals varies from 1 metre to 19 metres.

- Thickness of gold intervals vary from 1 metre to 15 metres
- Gold grade within the intervals varies from 0.1 gpt to 15.46 gpt

Enquiries

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About Frontier

Frontier Mining Ltd. is a mineral exploration and development company that was incorporated in the state of Delaware, USA, on August 5, 1998 for the purpose of exploring and developing gold and copper deposits in the Republic of Kazakhstan. Through its subsidiaries and affiliates, Frontier locates, evaluates, acquires, explores and develops mineral properties.

Frontier has two licenses owned by its wholly owned subsidiaries in Kazakhstan. They are the Naimanjal exploration and mining licence, held by FML Kazakhstan, and the Baltemir exploration licence, held by Baltemir LLP. Frontier has one producing gold mine, Naimanjal; one pre-feasibility stage gold project, Koskuduk; and one exploration stage gold prospect, Baltemir. Naimanjal is forecast by management to produce 25,000 ounces of gold in 2006 at a cash cost of \$250 per ounce. Frontier currently intends to double its gold production to 50,000 ounces in 2007 and double it again to 100,000 ounces in 2008. Management believes its gold projects contain more than two million ounces of oxide gold resource.

Frontier also has one pre-feasibility stage copper porphyry deposit with associated gold and molybdenum, Baitimir; and several copper/gold prospects along a 25-km trend including both VMS and porphyry types. Metallurgical tests on its Beschoku and Yubileiny copper projects confirm the oxide copper ore is amenable to extraction using low cost SX-EW technology. Management believes the copper projects contain more than 1,000,000 tonnes (2.2 billion pounds) of copper (P1) resource with significant potential for increase. Frontier is currently evaluating acquisition opportunities in uranium, gold, and copper in Kazakhstan and the CIS countries.

Frontier shares are traded on the AIM market of the London Stock Exchange. Frontier has 89,209,931 ordinary shares issued and 10,723,747 outstanding options and warrants, giving 99,933,678 fully diluted ordinary shares.

Further company information may be accessed at the Frontier Mining Ltd. website at: www.frontiermining.com

Beschoku 2005 Drill Hole Programme

Summary copper and gold assay results above 0.1% Cu and Au 0.1 g/t cut-off

Hole No.	Site	From	To	Thickness, M	Cu, %	From	To	Thickness, M	Au, g/t
BCH-15	Beschoku	11.0	12.5	1.5	0.10	4.0	9.5	5.5	0.30
BCH-15	Beschoku	14.0	16.0	2.0	0.14	11.0	12.5	1.5	0.58
BCH-15	Beschoku	37.0	39.0	2.0	0.37	14.0	16.0	2.0	0.31
BCH-15	Beschoku					24.5	26.0	1.5	0.43
BCH-15	Beschoku					37.0	39.0	2.0	1.44
BCH-15	Beschoku					43.5	45.0	1.5	0.10
BCH-15	Beschoku					99.5	100.6	1.1	0.12
BCH-15	Beschoku					111.5	113.0	1.5	0.10
total or ave			119.5	5.5	0.21			16.4	0.42
Hole No.	Site	From	To	Thickness. M	Cu. %	From	To	Thickness. M	Au. g/t
BCH-22	Beschoku	0.2	1.5	1.3	0.10	24.1	27.1	3.0	1.96
BCH-22	Beschoku	24.1	43.4	19.3	1.65	28.1	45.4	15.3	4.94
BCH-22	Beschoku	47.9	48.8	0.9	0.16	47.9	48.8	0.9	1.49
BCH-22	Beschoku	50.8	68.1	17.3	0.66	50.8	65.1	14.3	15.46
total or ave			78.3	38.8	1.15			33.5	8.99
Hole No.	Site	From	To	Thickness. M	Cu. %	From	To	Thickness. M	Au. g/t
BCH-23	Beschoku	33.5	39.9	6.4	0.44	33.5	34.6	1.1	0.21
BCH-23	Beschoku	52.4	56.2	3.8	0.49	36.0	39.9	3.9	4.31
BCH-23	Beschoku	77.0	77.9	0.9	0.38	52.4	56.2	3.8	14.3
BCH-23	Beschoku					76.0	77.9	1.9	0.25
total or ave			80.3	11.1	0.45			10.7	6.71
Hole No.	Site	From	To	Thickness. M	Cu. %	From	To	Thickness. M	Au. g/t
BCH-24	Beschoku	34.8	35.7	0.9	1.87	33.6	35.7	2.1	0.47
BCH-24	Beschoku	38.7	43.7	5.0	0.96	38.7	43.7	5.0	0.47
BCH-24	Beschoku	44.9	49.0	4.1	1.01	44.9	49.0	4.1	1.32
BCH-24	Beschoku	55.6	68.0	12.4	0.71	55.6	57.0	1.4	0.30
BCH-24	Beschoku	72.6	74.3	1.7	0.12	58.1	69.5	11.4	6.5
			74.3	24.1	0.81			24.0	3.47
Hole No.	Site	From	To	Thickness. M	Cu. %	From	To	Thickness. M	Au. g/t
BCH-25	Beschoku	28.5	30.0	1.5	0.13	3.0	4.5	1.5	0.21
BCH-25	Beschoku	34.5	50.0	15.5	0.84	35.7	50.0	14.3	2.03
BCH-25	Beschoku	57.5	59.0	1.5	0.22	57.5	59.0	1.5	0.61

BCH-25	Beschoku					60.5	62.0	1.5	0.27
			81.8	18.5	0.73			18.8	1.63

Important note:

total for the "To" column refers to the total drill hole depth

total for the "Thickness. m" column refers to the sum of the thickness intervals in each hole

ave is the weighted average grade of copper in the mineralized zones.

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