

Regulatory Announcement

Company Frontier Mining Ltd
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Frontier Mining Ltd
(“Frontier” or “the Company”)

29th May 2007

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Frontier Mining Ltd

Naimanjal Gold and Silver Resources Increased

Frontier Mining Ltd. is pleased to announce the results of the gold and silver resource estimate prepared to a JORC standard by the Company and reviewed by its independent geological consultants, Behre Dolbear & Company (USA), Inc. (“Behre Dolbear”).

At a gold equivalent* cut-off grade of 0.3 grammes per tonne (“g/t”) there are 3,502,393 tonnes of Measured and Indicated resource at an average grade of 0.73g/t gold and 17.31g/t silver containing 82,022 ounces of gold and 1,948,699 ounces of silver. In addition, the model indicates that there are 8,300,939 tonnes of Inferred resource at an average grade of 0.64g/t gold and 18.95g/t silver containing 170,626 ounces of gold and 5,058,476 ounces of silver.

The Measured, Indicated, and Inferred resource at the Naimanjal deposit using a cut-off grade of 0.3g/t gold equivalent* totals 11,803,332 tonnes at an average grade of 0.67g/t gold and 18.46g/t silver containing 252,648 ounces of gold and 7,007,175 ounces of silver. See Tables 1 and 2 below.

Table 1

Measured and Indicated Resource

Ore type	Cut-off	Tonnes	Au (g/t)	Ag (g/t)	Au eq	Au (oz)	Ag (oz)
Oxide	0.3	2,435,633	0.67	12.83	0.81	52,466	1,004,684
Transition	0.3	376,455	0.81	20.62	1.03	9,804	249,570
Sulfide	0.3	690,305	0.89	31.29	1.22	19,752	694,445
Total	0.3	3,502,393	0.73	17.31	0.92	82,022	1,948,699

Table 2

Inferred Resource

Ore type	Cut-off	Tonnes	Au (g/t)	Ag (g/t)	Au eq	Au (oz)	Ag (oz)
Oxide	0.3	4,339,907	0.53	12.88	0.67	73,952	1,797,162
Transition	0.3	1,223,431	0.69	19.61	0.89	27,141	771,344
Sulfide	0.3	2,737,601	0.79	28.29	1.07	69,533	2,489,970
Total	0.3	8,300,939	0.64	18.95	0.84	170,626	5,058,476

The Company also asked Behre Dolbear to assist it in its calculation of gold and silver resources using a cut-off grade of 0.5g/t gold equivalent*. At a cut-off grade of 0.5g/t there are 2,008,769 tonnes of Measured and Indicated resource at an average grade of 1.06g/t gold and 23.07g/t silver containing 68,617 ounces of gold and 1,489,828 ounces of silver. In addition, the model indicates that there are 4,645,044 tonnes of Inferred resource at an average grade of 0.90g/t gold and 27.52g/t silver containing 134,372 ounces of gold and 4,109,157 ounces of silver.

* Silver grades are converted to gold equivalent grades by dividing them by a factor of 92.5. This factor is derived from gold and silver metallurgical recoveries of 74% and 40% respectively and gold and silver prices of \$600/ounce and \$12/ounce respectively.

The Measured, Indicated, and Inferred resource at the Naimanjal deposit, using a cut-off grade of 0.5g/t gold equivalent, totals 6,653,813 tonnes at an average grade of 0.95g/t gold and 26.17g/t silver, containing 202,989 ounces of gold and 5,598,984 ounces of silver. See Table 3 and Table 4 below.

Table 3							
Measured and Indicated Resource							
Ore type	Cut-off	Tonnes	Au (g/t)	Ag (g/t)	Au eq	Au (oz)	Ag (oz)
Oxide	0.5	1,253,947	1.03	16.78	1.21	41,525	676,491
Transition	0.5	239,919	1.13	25.82	1.40	8,716	199,164
Sulfide	0.5	514,903	1.11	37.10	1.50	18,376	614,172
Total	0.5	2,008,769	1.06	23.07	1.31	68,617	1,489,827

Table 4							
Inferred Resource							
Ore type	Cut-off	Tonnes	Au (g/t)	Ag (g/t)	Au eq	Au (oz)	Ag (oz)
Oxide	0.5	1,894,303	0.82	20.30	1.03	49,941	1,236,336
Transition	0.5	730,114	0.94	27.43	1.23	22,065	643,884
Sulfide	0.5	2,020,627	0.96	34.31	1.31	62,366	2,228,937
Total	0.5	4,645,044	0.90	27.52	1.20	134,372	4,109,157

Behre Dolbear is also assisting the company in its preparation of a proven and probable reserve estimate for the Naimanjal gold/silver deposit. The results of this report will be made available once completed and received.

Brian Savage, CEO of Frontier Mining comments "We are pleased by the latest set of resource figures from the Naimanjal Complex, which further reinforce the mine's commercial viability and indicate a positive outlook for future production of the deposit. Exploration is ongoing in this area with its numerous satellite targets and we look forward to reporting on the proven and probable reserve estimate in due course."

Qualified Persons and QA/QC:

Frontier Mining Ltd employs a robust QA/QC protocol, which was designed by Behre Dolbear & Company (USA), Inc. The quality control programme is independent of the assay laboratories internal QA/QC and involves the insertion of certified reference standards, quality control blanks and staged duplicates into each batch of samples. Behre Dolbear & Company (USA), Inc. have reviewed the assay results for the certified reference standards, quality control blanks and staged duplicates inserted during the 2006 exploration programme and confirm that sample preparation and assaying have been of a very high standard.

Dr Chris Wilson who is a Technical Advisor to Frontier Mining has read and approved the technical disclosure in this regulatory announcement. Dr Wilson is a Chartered Fellow of the Australian Institute of Mining and Metallurgy and a Fellow of the Society of Economic Geologists and meets the criteria of a qualified person under the AIM rule guidance for mining, oil and gas companies.

For further enquiries, please contact:

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About Frontier Mining Ltd:

Frontier Mining Ltd. is a mineral exploration and development company that was incorporated in the state of Delaware, USA, on 5 August 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.

Frontier also has one potential 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.

Frontier shares are traded on the AIM market of the London Stock Exchange. Frontier has 132,979,597 ordinary shares issued and 6,057,091 outstanding options and warrants, giving 139,026,688 fully diluted ordinary shares.

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

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