

Regulatory Announcement

Company Frontier Mining Ltd  
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Headline Naimanjal Update  
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Frontier Mining Ltd  
("Frontier" or "the Company")

Update on Naimanjal Project Exploration

Frontier is pleased to announce that it has completed the 2006 exploration programme at its Naimanjal Complex, where the company operates its first gold mine. The programme consisted of 374 reverse circulation ("RC") drill holes, totaling 16,131 metres, 39 diamond core drill holes totaling 1,826 metres and 93 trenches totaling 14.8 line kilometres. Geophysical surveys were also completed at Naimanjal, Baritovy and Jal. Drilling efforts were focused on two key objectives for the producing Naimanjal mine: extending the strike of known and newly discovered mineralisation at Pit 3 West, Grassy Knoll South and Area 124, and first pass exploration at West Ridge South, Grassy Knoll North and Pit 1 Northeast.

A drilling campaign was also completed at the Baritovy satellite deposit with the objective of proving up the existing oxide resource and to further explore a strongly mineralised near surface zone that is not part of the main Baritovy deposit. This consisted of 32 RC drill holes totaling 1,137 metres and 45 trenches totalling 2.8 line kilometres

Although not all assay results have yet been received, highlights of the exploration programme by target area are below.

Pit 3 West

Mineralisation at the Pit 3 West area was newly discovered in 2006. Based upon cross sectional interpretations, it was determined that the mineralised veins dip steeply north. For the most recent drilling phase, holes were angled to the south and were designed to provide critical data by offsetting along strike, the mineralisation encountered during previous drilling. Mineralisation is still open ended to the northwest.

Hole Number	Total Length (metres)	Mineralised Intercept		Width In metres	Gold g/t	Silver g/t	Equivalent Gold (g/t)
		From	To				
RC-24	50	30	38	8	0.93	75.9	1.69
RC-26	40	22	28	6	2.01	120.3	3.21
RC-31	50	6	10	4	1.46	20.5	1.67
		36	42	6	0.66	58.1	1.24
RC-39	50	14	22	8	2.58	6.60	2.65
RC-43	50	42	46	4	1.30	116.0	2.46
RC-95	45	34	38	4	1.74	61.4	2.35
RC-97	50	30	34	4	3.22	376.0	3.98

RC-98	45	2	6	4	0.96	21.6	1.18
RC-99	45	8	12	4	0.92	26.9	1.19
RC-256	50	4	10	6	0.75	29.83	1.04
RC-257	50	2	8	6	0.61	13.08	0.74
RC-258	50	34	36	2	1.88	53.25	2.41
		46	50	4	0.35	17.88	0.53
RC-259	50	26	30	4	1.06	39.25	1.45
RC-261	46	36	38	2	1.30	6.50	1.36
RC-266	50	4	6	2	1.01	4.25	1.05
		30	34	4	1.71	76.25	2.47
		44	46	2	1.84	59.25	2.43
RC-268	50	36	40	4	2.27	78.87	3.06
ER 36 (core)	48.6	20.5	29.3	8.8	1.48	>19.7	>1.677
ER-38 (core)	50.2	17.3	24.6	7.3	2.53	>45.5	>2.98
		47.4	47.9	0.5	1.75	>100	>2.75

### Grassy Knoll South

Drilling focused upon defining, outlining and substantially enlarging the previously identified oxide resource that was based upon exposures in several small pits and trenches. Mineralisation remains open-ended to the north and south, and potentially to the east.

Table 2  
Highlights of Drilling Results at Grassy Knoll South Target - Naimanjil

Hole Number	Total Length (metres)	Mineralised Intercept		Width In metres	Gold g/t	Silver g/t	Equivalent Gold (g/t)
		From	To				
RC-52	28	22	28	6	1.67	46.8	2.14
RC-59	50	46	50	4	2.25	65.7	2.91
RC-63	50	18	22	4	0.79	32.3	1.11
		32	40	8	1.86	8.70	1.95
RC-61	34	16	22	6	1.26	60.1	1.86
RC-66	45	4	6	2	1.34	122.5	2.57
		22	26	4	1.24	133.0	2.57
RC-67	50	14	18	4	1.44	47.5	1.92
RC-71	50	24	28	4	1.78	62.50	2.40
RC-73	50	34	38	4	1.75	11.87	1.87
RC-74	50	46	50	4	3.35	73.38	4.08
RC-81	50	18	24	6	0.63	34.08	0.97
RC-82	50	22	24	2	0.63	103.75	1.67
RC-83	44	30	34	4	2.14	20.12	2.34
RC-85	50	2	6	4	0.77	58.87	1.36
RC-182	50	46	48	2	2.55	549.25	8.04
ER-46 (core)	76	30.5	36	5.5	0.336	79.8	1.134
		69.8	70.4	0.6	0.738	51.8	1.256
ER-50 (core)	67	35.2	41.2	6	2.83	>97.5	>3.81
		62	62.8	0.8	1.95	>100	>2.95
ER-55 (core)	59.1	0.3	2.3	2	0.368	64.6	1.014
ER-61 (core)	80.3	8.1	15.9	7.8	0.732	32.0	1.052
ER-54 (core)	86.6	31	36.7	5.7	1.6	15.88	1.76
		75	81.5	6.5	6.08	164.77	7.727

### Area 124

Area 124 was the site of a previously known but very small resource. Exploration drilling was successful in substantially enlarging the area of known mineralisation that occurs between the main pits 1,2, and 4.

Hole Number	Total Length (metres)	Mineralised Intercept		Width In metres	Gold g/t	Silver g/t	Equivalent Gold (g/t)
		From	To				
RC-100	47	20	24	4	2.74	1.31	2.75
RC-104	31	18	22	4	1.86	3.56	1.96
RC-107	46	18	22	4	2.15	3.5	2.18
RC-112	36	2	6	4	0.85	21.00	1.06
RC-116	46	8	12	4	1.23	36.88	1.60
RC-139	50	12	16	4	1.25	2.0	1.27
RC-142	36	8	10	2	1.03	1.75	1.05
ER 52 (core)	67.3	48.2	56	7.8	1.98	55.85	2.54

### Pit 6 Extension and Pit Connection

Drilling was successfully undertaken to extend the known ore grade mineralisation northwest of pit 6 as well as connecting mineralised zones along strike between pits 1,2 and 3, and along strike between pits 4, 5 and 6.

Hole Number	Total Length (metres)	Mineralised Intercept		Width In metres	Gold g/t	Silver g/t	Equivalent Gold (g/t)
		From	To				
RC-1	50	8	22	14	1.03	36.1	1.39
RC-2	32	10	12	2	2.32	1.15	2.43
RC-3	40	14	20	6	2.2	28.08	2.48
RC-4	32	8	20	12	1.78	20.04	1.98
RC-5	39	24	30	6	1.27	41.25	1.68
RC-6	28	8	24	16	1.35	32.22	1.67
RC-11	48	2	8	6	0.99	379	4.78
RC-13	47	22	26	4	1.03	25.5	1.28

Hole Number	Total Length (metres)	Mineralised Intercept		Width In metres	Gold g/t	Silver g/t	Equivalent Gold (g/t)
		From	To				
ER 40 (core)	40.1	10.5	13.7	3.2	0.998	1.61	1.16
ER 58 (core)	50.3	31.3	39.5	8.2	2.58	118	3.76
ER 60 (core)	30.1	0.6	2.6	2.0	6.54	5.7	6.60
ER 68 (core)	30.0	14.8	17.5	2.7	5.33	5.2	5.38
ER 59 (core)	65.0	23.1	25.8	2.7	1.77	47.7	2.25

### Baritovy

Baritovy is a gold-silver satellite deposit to the Naimanjal mine. It is one of six mineralised satellite prospects, all located within the Naimanjal license area. In-pit RC Drilling, trenching and cross sectional interpretations revealed that the Baritovy deposit consists of several sub-parallel, south-plunging ore shoots. All significant gold and silver mineralisation is in close proximity to the existing Baritovy pit. Most recent exploration efforts focused upon outlining the new near surface discovery immediately west of the pit.

Hole Number	Total Length (metres)	Mineralised Intercept		Width In Metres	Gold g/t	Silver g/t	Equivalent Gold g/t
		From	To				
BRC-1	37	4	12	8	2.21	1.15	2.22
		28	30	2	1.76	1.0	1.77
BRC-2	44	36	38	2	1.11	1.5	1.13
BRC-6	36	8	20	12	1.68	29.9	1.98
BRC-8	34	10	18	8	1.62	26.25	1.88
BRC-12	28	4	8	4	1.45	2.37	1.47
BRC-14	36	26	30	4	0.51	137.0	1.88

Trench Number	Total Length (metres)	Mineralised Intercept	Width In Metres	Gold g/t	Silver g/t	Equivalent Gold g/t
B-2	12	1.5-3	1.5	4.55	1.25	4.56
B-4	16	0-6	6.0	4.25	10.07	4.35
B-5	17	0-9.5	9.5	4.82	31.7	5.14
B-6	11	0-7	7.0	5.64	83.57	6.48
B-7	5	0-3	3	3.66	6.71	3.73
B-8	4	0-4	4	3.24	41.8	3.66
B-9	16	0-12	12	1.42	71.2	2.13
B-10	15	5-7	2	0.60	2.56	0.62

Brian Savage, CEO of Frontier Mining, comments “The Naimanjal licence area is an approved commercial discovery of approximately 170 square kilometres, representing a very large, highly mineralised region. The positive results of our 2006 exploration programme demonstrate the real potential for further gold producing deposits in this area. We will continue to release drill results as they become available.”

#### Qualified Persons and QA/QC:

Frontier Mining Ltd employ 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 has been of a very high standard.

RC samples were split using a Jones type splitter and the sample was assayed at the Naimanjal laboratory along with blanks and mineralized standards for each drill hole. Diamond drill core is cut into equal

halves using a diamond drill saw at the Companies core handling facility in Kurchatov. Samples are crushed and pulverized by Geochem Exploration LLP in Almaty and are assayed by Alex Stewart Assayers at Kara Balta in Kyrgyzstan. Alex Stewart Assayers at Kara Balta operate an ISO accredited laboratory, participate in the biannual Geostats Pty Ltd round robin surveys of laboratory quality and are an international subsidiary of the Alex Stewart Group.

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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 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.

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 132,648,563 ordinary shares issued and 6,197,091 outstanding options and warrants, giving 138,845,654 fully diluted ordinary shares.

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

[www.frontiermining.com](http://www.frontiermining.com)

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