

Puma Exploration and Trevali Mining Corporation Drilled 13.1% Zn, 4.8% Pb Over 27.0 Meters at Murray Brook Deposit

29.08.2018 | [GlobeNewswire](#)

RIMOUSKI, Aug. 29, 2018 - [Puma Exploration Inc.](#) (PUMA-TSXV) (the "Company" or "Puma") and [Trevali Mining Corp.](#) (TV-TSX) ("Trevali") are pleased to release the drill results for the metallurgical drilling program conducted at the Murray Brook Deposit. The program successfully intersected the Massive Sulphide Deposit in each hole matching perfectly with the Resources Model and a potential internal mine design.

Met Program - Plan view

Met Program - 3D view

The metallurgical program consisted of 1,683 meters of drilling within seven (7) new holes collared on the Deposit. The locations, orientations and angles of the holes were defined according to a preliminary mine design. The main targeted zones of the Deposit were the High-Grade Zinc Zone, the Low-Grade Zinc Zone and the High-Grade Copper Zone. The priority was to proceed with the High-Grade and Low-Grade Zinc Zones recovery tests and then evaluate any potential future benefit within the High-Grade Copper Zone, the Oxide Zone and the Gold recovery of the Deposit. The recovery tests are currently in process at RPC Facility in Fredericton, New Brunswick.

Highlights of the Metallurgical Drilling Program

- 1) A total of 898 meters of Massive Sulphide (MS) was intersected in the holes with continuous intersections of MS ranging from 36.60 meters to 209.75 meters;
- 2) High-Grade Zinc intercepts over significant thickness (see Table 2):
 - a. MB18-05: 6.1% Zn, 2.1% Pb (8.3% Zn+Pb) over 120.9 meters; including 13.1% Zn, 4.8% Pb (17.9% Zn+Pb) over 27 meters.
 - b. MB18-06A: 3.8% Zn, 1.2% Pb (5.0% Zn+Pb) over 158.1 meters; including 7.6% Zn, 2.8% Pb (10.4% Zn+Pb) over 24 meters.
 - c. MB18-07: 6.9% Zn, 2.4% Pb (9.3% Zn+Pb) over 87.1 meters; including 10.2% Zn, 3.1% Pb (13.3% Zn+Pb) over 21 meters.
- 3) High-Grade Copper Zones:
 - d. MB18-01: 1.4% Cu over 36.6 meters including; 4.0% Cu over 9 meters;
 - e. MB18-02: 2.1% Cu over 19.0 meters including; 4.3% Cu over 5 meters;
 - f. MB18-03: 2.5% Cu over 24.0 meters including; 4.0% Cu over 6 meters;
 - g. MB18-04: 0.85% Cu over 75.0 meters including; 1.0% Cu over 32 meters.

"We are very happy with the initial drill results of the metallurgical drilling program. Those results represent well the continuity and the high-grade core of the Massive Sulphide Deposit which brings different potential mining scenarios at Murray Brook", notes Marcel Robillard, President of Puma Exploration.

The technical team is currently logging and sampling the drill holes of the geotechnical and exploration drill programs and are supervising the execution of Borehole geophysical surveys. The survey is aimed at localising new mineralised zones in proximity of the recent drill holes and characterizing the mineralization

intersected in the holes.

Table 1: Metallurgical Drill holes at the Murray Brook Deposit

Drillhole	Easting	Northing	Azimuth	Dip	Length (m)
MB18-01	693363	5266826	185	-65	125
MB18-02	693192	5266696	350	-65	264
MB18-03	693192	5266696	180	-75	125
MB18-04	693197	5266798	60	-50	275
MB18-05	693190	5266852	240	-75	374
MB18-06A	693220	5266806	250	-63	242
MB18-07	693190	5266852	330	-80	278
					1,683

Table 2: Significant Zinc drill results at the Murray Brook Deposit

DDH #	From (m)	To (m)	Length	Pb%	Zn%	Pb+Zn%	Cu%	Ag g/t
MB-2018-01	46.7	101.0	54.4	0.57	1.23	1.80	1.16	37
including	48.0	54.0	6.0	0.83	1.71	2.54	2.00	51
including	64.4	101.0	36.6	0.63	1.38	2.01	1.35	41
inc.	86.0	100.0	14.0	0.46	1.17	1.63	2.97	42
inc.	91.0	100.0	9.0	0.26	0.68	0.94	4.00	36
MB-2018-02	19.0	228.0	209.0	0.84	2.83	3.67	0.38	33
including	19.0	88.0	69.0	1.07	3.71	4.78	0.79	31
inc.	53.0	63.0	10.0	2.23	6.23	8.46	0.17	41
including	133.0	178.0	45.0	1.13	3.72	4.85	0.12	48
inc.	136.0	140.0	4.0	2.24	6.01	8.25	0.02	58
including	168.0	177.0	9.0	1.78	6.02	7.80	0.09	74
inc.	169.0	174.0	5.0	2.70	8.33	11.03	0.06	97
including	212.0	215.0	3.0	2.42	5.49	7.91	0.15	51
MB-2018-03	11.4	110.0	98.6	0.48	2.51	2.99	0.79	29
inc.	26.0	42.0	16.0	0.75	3.70	4.45	1.01	32
inc.	26.0	34.0	8.0	1.09	5.06	6.15	1.57	39
inc.	63.0	66.0	3.0	0.28	6.77	7.05	0.15	28
Including	80.0	102.0	22.0	0.87	3.73	4.60	0.19	42
inc.	85.0	99.0	14.0	1.22	4.87	6.09	0.20	52
inc.	85.0	92.0	7.0	1.38	6.10	7.48	0.11	60
MB-2018-04	114.0	252.3	138.3	0.69	1.56	2.25	0.65	37
Including	199.0	228.0	29.0	1.16	3.08	4.24	0.22	63
inc.	218.0	228.0	10.0	1.21	3.95	5.16	0.41	65

MB-2018-05	109.4	230.3	120.9	2.05	6.11	8.16	0.11	70
Including	112.0	139.0	27.0	2.22	7.31	9.53	0.07	88
inc.	112.0	122.0	10.0	2.38	8.17	10.55	0.06	88
Including	179.0	230.3	51.3	3.07	8.54	11.61	0.13	93
inc.	182.0	217.0	35.0	3.84	10.72	14.56	0.15	117
inc.	190.0	217.0	27.0	4.80	13.09	17.89	0.11	142
inc.	198.0	210.0	12.0	7.38	17.25	24.63	0.12	196
inc.	204.0	207.0	3.0	8.17	20.10	28.27	0.15	207
MB-2018-06A	57.0	215.1	158.1	1.20	3.75	4.96	0.15	38
including	79.0	97.0	18.0	1.76	6.08	7.84	0.10	89

inc.	86.0	96.0	10.0	2.08	8.05	10.13	0.08	84
including	120.0	125.0	5.0	1.24	5.17	6.41	0.08	35
including	146.0	151.0	5.0	1.79	5.33	7.12	0.03	52
including	173.0	214.0	41.0	1.82	5.45	7.27	0.13	46
inc.	190.0	214.0	24.0	2.81	7.56	10.37	0.06	61
inc.	190.0	207.0	17.0	2.84	8.07	10.91	0.06	64
inc.	202.0	207.0	5.0	4.10	10.12	14.22	0.06	60
MB-2018-07	154.9	242.0	87.1	2.35	6.86	9.21	0.13	96
including	154.9	193.0	38.1	2.93	9.04	11.97	0.12	142
inc.	157.0	168.0	11.0	3.30	10.89	14.19	0.15	161
inc.	157.0	161.0	4.0	4.46	15.08	19.54	0.18	215
including	181.0	242.0	61.0	2.46	7.42	9.88	0.15	96
inc.	181.0	202.0	21.0	3.09	10.18	13.27	0.14	144
inc.	181.0	193.0	12.0	4.75	16.64	21.39	0.19	243
inc.	182.0	189.0	7.0	5.27	19.66	24.93	0.20	274
including	223.0	241.0	18.0	3.16	9.66	12.82	0.23	97
inc.	223.0	228.0	5.0	3.68	14.67	18.35	0.22	107

Note: the true thickness is ranging from 70%-90% of the core intercepts.

Table 3: Significant Copper drill results at the Murray Brook Deposit

DDH #	From (m)	To (m)	Length	Pb%	Zn%	Pb+Zn%	Cu%	Ag g/t
MB-2018-01	48.0	54.0	6.0	0.83	1.71	2.54	2.00	51
MB-2018-01	64.4	101.0	36.6	0.63	1.38	2.01	1.35	41
including	80.0	101.0	21.0	0.65	1.46	2.11	2.18	45
inc.	91.0	100.0	9.0	0.26	0.68	0.94	4.00	36
inc.	93.0	99.0	6.0	0.18	0.53	0.71	5.13	41

MB-2018-02	19.0	38.0	19.0	0.61	1.85	2.46	2.11	31
including	20.0	29.0	9.0	0.70	1.99	2.69	3.12	37
inc.	21.0	26.0	5.0	0.84	2.25	3.09	4.29	40
MB-2018-02	220.0	224.0	4.0	0.15	0.25	0.40	2.20	26
MB-2018-03	12.0	36.0	24.0	0.63	3.19	3.82	2.53	41
including	12.0	26.0	14.0	0.43	2.75	3.18	3.12	42
inc.	12.0	18.0	6.0	0.61	2.84	3.45	4.00	63
MB-2018-04	114.0	189.0	75.0	0.67	1.30	1.97	0.85	33
including	114.0	128.0	14.0	0.22	0.48	0.70	1.03	20
inc.	141.0	173.0	32.0	0.68	1.41	2.09	1.01	33
MB-2018-04	240.0	252.3	12.3	0.37	0.92	1.29	1.196	13.7

Note: the true thickness is ranging from 70%-90% of the core intercepts.

QC/AC protocols

All sampling, drilling, testing and analysis are conducted using rigorous QA/QC procedures to ensure reliability and validity of results beyond basic regulatory guidelines. The driller is responsible for insuring that the core placed in boxes is in correct order and marking the length tags for each rod-length of core as well as the inside of the core boxes where the tag is located. This step is examined by the technician and supervised by the on-duty project geologist. The driller picks up core boxes from the drill site and takes them to the drill core logging facilities in Bathurst.

Boxes are then laid out on logging tables and checked to make sure that the core is continuous and in the right order in each box. Geological logging of core is conducted, and sample positions are marked to conform to lithological/alteration changes. Sample numbers are written inside of the core boxes corresponding to pre-printed sample tags. Chalk lines are marked down to identify the axis of core, and boxes for sampling are moved to cutting area. Diamond saw blade cutters are used to cut the core in half.

Core boxes are returned to their places in order on the logging tables. Strong plastic rock sample bags are labelled with sample's number on the outside and the sample tags are inserted inside. Then, one half of the core is placed in its respective sample bag. The second half is kept at the Alliance warehouse for future reference.

The samples are shipped, stored and assayed at the laboratory of the Caribou Mine site held by [Trevali Mining Corp.](#). Trevali has an option to acquire 75% interest in the Murray Brook Deposit from where the drilling program was conducted. The samples are crushed and pulverized at a range of 80 to 100 microns. The crusher and pulverizer are cleaned with pressurized air between each sample. The samples are assayed by Absorption Atomic for Zinc (Zn), Lead (Pb), Copper (Cu), Silver (Ag) and Iron (Fe) content. For QA/QC, there are typically 8 standards runs for each batch of 25. A duplicate is done at least once every 50 samples, no blanks are run. Pulps are currently stored in the lab in labelled brown sealed bags which in turn are stored in organized labelled boxes. Coarse rejects are stored in labelled 18L pails on pallets inside the Alliance warehouse.

The Murray Brook Deposit

The Murray Brook Deposit, which is the essence of the Strategic Alliance between the companies, is located 10 kilometers west of Trevali's Caribou Mine and 10 kilometers east of Trevali's Restigouche Deposit in the Bathurst Mining Camp of New Brunswick, Canada.

The deposit has a measured mineral resource of 3.68 million tonnes grading 5.57% Zn, 1.87% Pb, 0.36% Cu, 70.5 g/t Ag and 0.56 g/t Au, plus indicated mineral resources of 1.60 million tonnes grading 4.48% Zn, 1.63% Pb, 0.70% Cu, 65.3 g/t Ag and 0.88 g/t Au (for a combined measured and indicated resource of 5.28 million tonnes averaging 5.24% Zn, 1.80% Pb, 0.46% Cu, 68.9 g/t Ag and 0.65 g/t Au containing approximately 610 million pounds of Zinc, 209 million pounds of Lead and 11.7 million ounces of Silver, as of December 21, 2016.

The core of the mineral resource occurs in the West Zone (Zinc-Lead) which is 200 meters wide, extending from surface to 300 meters vertical and the true thickness of the Massive Sulphide body varies from 75 meters to 100 meters. The East Zone (Copper-Gold) is 100 meters wide, also extending from surface to 300 vertical meters and is mainly mineralized with Gold and Copper. On February 20th, 2017, a NI 43-101 report was filed on SEDAR.

The Caribou Mine

Trevali's Caribou mine is located approximately 10 kilometers east of the Murray Brook Deposit. It comprises an underground mine, a 3,000-tonne-per-day (tpd) processing mill, a flotation recovery plant, metallurgical and geochemical laboratories, as well as a tailings management facility.

About Puma Exploration Inc.

Puma Exploration is a Canadian mineral exploration company with advanced precious and base metals projects in Canada. The Company's major assets consist of an option to acquire 100% beneficial interest in the Murray Brook Property, the Turgeon Zinc-Copper Project and the Nicholas-Denys Project, all located in New Brunswick. Also, Puma owns an equity interest in BWR Resources, Manitoba. Puma's objective is to focus its exploration efforts in New Brunswick.

About Trevali Mining Corporation

Trevali is a Zinc-focused base metal company with four mines: the wholly-owned Santander mine in Peru, the wholly-owned Caribou mine in the Bathurst Mining Camp of northern New Brunswick, its 90% owned Rosh Pinah mine in Namibia and its 90% owned Perkoa mine in Burkina Faso.

Qualified Persons

Technical information provided in this news release was prepared and reviewed by Marcel Robillard, P.Geo., President, and Dominique Gagné, P.Geo., Vice President Exploration of Puma Exploration, qualified persons

as defined by NI 43-101. Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release. Mr. Robillard and Mr. Gagné are not independent of the Company, as both are officers and shareholders thereof.

Learn more by consulting www.pumaexploration.com for further information on [Puma Exploration Inc.](#)
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Images accompanying this announcement are available at:

<http://www.globenewswire.com/NewsRoom/AttachmentNg/daf47e70-6f25-46cb-9e72-ca1d64615e93>

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