



TSXV: SXL US-OTC: SLMF

SLAM UPGRADES SILVER, LEAD, ZINC IN DEPOSIT

Nash Creek Ores Amenable to DMS Enrichment

For Immediate Release

27 April 2011

Miramichi, New Brunswick - SLAM Exploration Ltd. (TSXV:SXL) (US-OTC:SLMXF) ("SLAM") is pleased to report successful Dense Media Separation (DMS) test results on 4 core samples from hole NC11-220 at its wholly owned Nash Creek property in New Brunswick. The test produced significant upgrades on all 4 samples. Sample 4, from the new zone beneath the NI43-101 deposit is enriched to 2.33% lead, 11.95% zinc and 63 g/t silver, representing an enrichment factor of 273% for all 3 metals. Results from all 4 samples are shown in the following table:

Sample	Original Sample Grade			Resultant Mill-Feed Grade			Upgrade Factor
	Lead %	Zinc %	Silver g/t	Lead %	Zinc %	Silver g/t	
3	1.19	6.64	10.6	1.7	9.05	15	140%
4	0.85	4.27	23.8	2.33	11.95	63	273%
5	0.8	4.9	12.5	1.22	7.25	19.3	152%
6	0.23	1.53	12.8	0.39	2.5	24.4	175%

Recoveries on samples 3, 4 and 5 are in the range 88.8 to 94.3% for lead, zinc and silver. Recoveries on sample 6 are 80% for lead and zinc and 90% for silver.

Sample 3 is a 9.8 m core interval from 181.1 m to 190.9 m.

Sample 4 is a 4.6 m core interval from 264.5 m to 269.1 m.

Sample 5 is a composite of samples 3 and 6 representing 16.0 m of drill core.

Sample 6 is a 6.2 m core interval from 144.8 m to 151.0 m.

All 4 samples are included in the intervals from hole NC11-220 previously reported 05 April 2011 as summarized in the table below.

DDH	From m	To m	Length m	Silver g/t	Lead %	Zinc %	Lead + Zinc %
NC11-220	117.00	426.00	309.00	12.71	0.37	1.92	2.30
NC11-220	144.00	289.50	145.50	16.90	0.62	3.28	3.90
NC11-220	166.50	168.00	1.50	90.00	2.20	13.30	15.50
NC11-220	181.10	198.30	17.20	8.30	0.97	6.07	7.04
NC11-220	207.90	226.90	19.00	26.43	0.85	5.44	6.29
NC11-220	252.00	269.10	17.10	21.54	0.78	3.80	4.58
NC11-220	269.10	289.50	20.40	17.75	0.52	2.42	2.94

The assay results described are from drilled core intervals and may not represent true widths.

The DMS test data were reviewed and interpreted by Godfrey M. MacDonald. Mr. MacDonald reports: "All 4 samples indicate a strong amenability to the DMS pre-concentration process. The observed success of the DMS test-work has many advantages for this project:

- The run-of-mine ore (ROM) grade can be doubled/tripled with an indicated loss of less than 10% of the contained sulphides. This indicated sulphide loss will be evaluated in a subsequent laboratory development test program to determine if an actual sulphide loss has occurred. The high headgrade of the mill feed should improve the metallurgical response of the milling process.
- The "Float/Reject" product of the DMS separation process could be from 35% to 60% of the ROM ore delivered to the crushing plant. This will relate to a much smaller throughput tonnage rate in the subsequent grind/flotation circuits: a smaller mill processing plant foot-print, substantially smaller flotation tailings impoundment, reduced overall energy consumption and reduced capital and operating costs.
- The Dense Media Plant (DMS) operation will be able to operate between a specific gravity 2.75 to 2.85 and will be able to vary the sulphide mineral up-grade and recovery to optimum levels.
- The DMS media could be very fine particle magnetite which is a relatively inexpensive media (used in the coal industry).
- The application of a DMS plant in the process will be an economic improvement in the overall project. This improves the viability of the Nash Creek deposit."

SLAM is very encouraged by the results of this program. The DMS results are very positive. The assay results include broad intervals of silver, lead and zinc mineralization beneath the known deposit indicating potential for a much larger deposit. The Company is planning additional work designed to further expand the deposit in 2011.

Qualifying Statements: Derek F. Brown, P.Geo., Consultant, is the Qualified Person responsible for the technical information contained herein. The Nash program comprised 1 deep hole for a total of 583 m drilled in January 2011. Drill cores were delivered from the drill to a secure site for logging and sampling.

Four samples of sawn core were submitted to the RPC research facility for Dense Media Separation ("DMS") tests. Each sample was crushed to -6 mm. Approximately 12% of each sample was separated by sieving the -1mm fraction. The coarse (1 to 6mm) fraction of each sample was immersed in a heavy liquid with a specific gravity of 2.8. This separated the light gangue minerals from the heavier metallic sulphides effectively upgrading the metal content up to 291% for lead-zinc and up to 338% for silver. The weighted average of this enriched material recombined with the fine fraction represents the Mill Head Feedgrade.

Selected core samples were split or sawn and sent to Actlabs in Fredericton for preparation and subsequent analysis at Actlabs in Ancaster, Ontario. Activation Labs analyzed the samples using code 8AR for silver, zinc and lead. Selected samples were also tested using code Ultratrace 2 for multi-elements. The Company used blank and standard samples for quality assurance and control.

The Nash Creek Deposit:

SLAM's 100% owned Nash Creek deposit contains an indicated resource of 468M lbs zinc, 95M lbs lead and 4.6M oz silver, plus inferred resource of 71.0M lbs zinc, 14M lbs lead and 0.7M oz silver. These metals are contained within a 7.8M tonne indicated resource grading 2.72% zinc, 0.55% lead and 18.26 g/t and a 1.2 M tonne inferred resource grading 2.66% zinc, 0.52% lead and 18.00 g/t silver (NI43-101 Technical Report announced 12 February, 2009).

The property boasts excellent infrastructure with a power-line, railway and major highway transecting the property. These links provide immediate access to the Belledune seaport and smelter located within 25 km as well as Xstrata's BMS No. 12 mine and mill within 75 km. Maple Minerals Caribou dormant mine/mill complex is approximately 90 km by road from Nash Creek.

About SLAM Exploration Ltd:

SLAM is a mineral resource company based in Miramichi, New Brunswick and is exploring for gold in Ontario and for silver-copper-lead-zinc in New Brunswick. Additional information about SLAM and its projects is available at www.slamexploration.com or from SEDAR filings at www.sedar.com.

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On behalf of the Board
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