



NEWS RELEASE

EXPEDITION MINING IDENTIFIES GOLD-ARSENIC-ANTIMONY ANOMALIES ON MT. MERVYN PROPERTY

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Vancouver, British Columbia, August 30, 2011 – Expedition Mining Inc. (TSX-V: EXU) (the “Company”) wishes to announce the results from the Phase I work program on the Mt. Mervyn property. This work consisted of mapping, prospecting, stream and rock sampling from a helicopter supported camp. The Mt. Mervyn property lies in the Rackla Gold Belt, a newly discovered gold district hosting ATAC Resources’ Rau Gold Project which contains drill-confirmed “Carlin-type” gold mineralization.

The Phase I work program was guided by an airborne geophysical survey which was flown in the spring of 2011. The Mt. Mervyn property survey demonstrated that the strongest geophysical anomalies are east-west trending and appear to coincide with the projected locations of the Kathleen Lakes fault and the Dawson thrust fault.

The stream sampling program included a series of Bulk Leachable Extractable Gold (BLEG) samples which gave a lower detection limit and greater sensitivity of analyses. In this area not all streams are amenable to BLEG sampling due to the high topographic gradient and active water flow which flushes out the fine sediment required for this form of sampling. A total of 68 stream, 25 BLEG and 22 rock samples were collected from the Mt. Mervyn property and analysed for gold and a 51 element ICP package at AGAT Laboratories in Mississauga, Ontario.

The Mt. Mervyn property is well covered by drainages and the stream sediment sample density is approximately one sample per square kilometre. Anomalous values were considered to be anything over the 95th percentile of values for that element. The majority of the anomalies are multi element in nature and concentrated in the southwest and south central portions of the property. Several samples contained statistically anomalous gold values which correlate with the multi-element anomalies. The following table highlights the most significant results.

Table 1: Significant Stream Sediment Samples

Sample	Au	Ag	As	Cd	Co	Cu	Hg	Ni	Sb	Tl	Zn
ID	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
5267167	5.79	0.3	27.5	0.7	11.2	41.2	0.1	41	1.6	0.15	191
5267180	10.60	0.8	9.2	0.5	9.2	74.4	0.2	50	1.0	0.13	202
5267210	11.90	0.2	9.3	1.4	12.5	36.8	0.1	47	1.3	0.09	253
5267211	5.90	1.3	14.3	7.1	97.2	185.3	0.2	121	2.5	0.19	1101
5267214	9.67	0.3	13.4	2.7	48.4	52.6	0.1	117	1.7	0.13	576
5267216	1.80	0.5	21.3	43.6	218.7	133.7	0.1	274	4.2	0.22	2127
5267224	6.84	0.5	8.0	0.8	12.7	62.6	0.2	51	0.6	0.11	227
5267225	1.60	0.4	14.3	57.5	94.4	47.0	0.1	646	2.6	0.18	5397
5267229	2.30	0.8	22.1	3.9	48.3	116.3	0.1	101	7.0	0.35	799
5267396	0.68	1.4	20.6	1.9	12.3	49.7	0.1	43	5.0	0.36	191
5267397	2.14	3.6	61.5	0.8	39.6	107.7	0.2	37	29.5	0.37	308
5267398	2.43	1.0	27.5	16.5	75.7	106.0	0.1	99	7.6	0.25	1107
5267399	8.52	0.8	14.0	0.5	9.6	54.9	0.2	38	1.1	0.27	143
5267403	1.75	2.4	20.0	45.6	493.7	229.0	0.1	423	4.8	0.43	3070
5267404	31.30	0.7	14.0	1.0	12.7	50.0	0.1	55	1.2	0.14	264
5267405	18.80	0.5	16.2	0.8	12.6	55.8	0.1	54	1.2	0.21	238
5267406	7.64	0.6	12.8	0.9	19.6	88.2	0.2	64	1.3	0.16	298
5267428	1.02	0.7	12.0	92.5	1056.7	510.7	0.2	604	2.1	0.47	3263
5267430	2.53	2.5	17.0	3.7	77.7	78.5	0.1	59	9.4	0.38	464
95th %ile	5.80	1.4	25.5	38.6	136.8	128.8	0.2	251	6.8	0.36	2178

The rock sampling phase of the initial work program consisted of 22 samples, concentrated on the northwest and central portions of the property. Sampling in the central portion of the claims returned co-incident As, Mo, Sb, Zn anomalies along with Tl anomalies in an area drained by gold in stream sediments to 31.3 ppb. A single point Cd, Cr, Hg, Pb, Zn anomaly was recorded in the northwest of the property which will require additional follow-up.

Table 2: Rock Sample Results

	Ag	As	Cd	Cr	Cu	Hg	Ni	Pb	Sb	Tl	Zn
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
5267264	0.3	15.3	0.2	79.7	53.5	0.38	21.2	18.2	5.04	0.2	166
5267265	0.67	49.4	0.64	165	49.6	0.23	15	21.7	13.2	0.1	134
5267268	0.17	2.2	1.08	56.5	334	<0.01	44.2	1.9	0.24	0.03	182
5267270	0.25	8.5	1.71	118	192	0.01	64.3	2.4	0.95	<0.02	302
5267312	0.06	3.2	2.06	363	24.9	0.02	27.7	21.6	0.26	0.06	223
5267313	0.2	10.1	0.55	102	24	0.08	21.5	10	1.53	0.22	78.9
5267314	0.14	2.5	1.32	195	164	0.01	78.6	0.7	0.44	0.02	173
5267316	0.82	5.5	0.35	123	27.7	0.37	29.9	11.2	1.49	0.13	144
5267319	0.2	183	0.61	3.2	3.9	0.01	6.4	0.3	52.6	<0.02	654
5267320	0.17	19.1	7.41	396	96.9	1.87	15.2	279	1.17	<0.02	3710
95 th %ile	0.66	49	2.00	375.0	190.0	0.75	64.0	44.0	13.00	0.20	641

To view the Rock Sampling and Stream Sediment Sampling maps on our website, please [click here](#).

Mr. Ron Atlas, President and Chairman states, “We are very pleased with our progress and results to date. Our geological team is gathering further samples based on these results along with the data provided by the airborne geophysical survey. We shall analyze the collective results over the winter months with the goal of defining drill targets on the Mt. Mervyn and Joy properties. Execution of a drill program could take place as early as the spring of 2012.”

The Phase II work program began on August 4th and includes mapping and rock sampling, along with both grid and contour soil sampling to further refine the nature of the known showings. Additional prospecting will also be conducted to evaluate the remainder of each property. The Geological and logistical support for the programs is being provided by Aurora Geosciences.

A 10-person drill-ready camp was recently built on the Mt. Mervyn property to support the current work program on the Mt. Mervyn and Joy properties. This camp will be left on site and winterized. This will greatly facilitate and expedite future work on these properties.

Information with respect to the Mt. Mervyn property contained in this news release is approved by James Chapman, PGeo, a qualified person required under National Instrument 43-101.

Expedition is a publicly held Canadian exploration company focused on acquiring, exploring and developing gold properties located in favourable geo-political climates. The company is led by a highly skilled, experienced board and management team with significant successes in managing early stage mineral exploration companies. For additional information concerning Expedition Mining Inc. or its various exploration projects please visit Expedition’s website at www.expeditionmining.com.

ON BEHALF OF THE BOARD:

For further information contact:

(signed) “*Ronald Atlas*”

William Galine

President & Chairman of the Board
Expedition Mining Inc.

Telephone: (604) 662-3903
Email: bgaline@expeditionmining.com

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