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Jadar Lithium
ASX ANNOUNCEMENT

2 August 2018

Preliminary Sampling on Bukulja Project Defines Several Anomalous Zones

HIGHLIGHTS

- Interpretation of results completed for the Bukulja project
- Preliminary stream sediment and soil surveys define a number of anomalous zones on the Bukulja granitoid
- Anomalies defined by multi-element values including Be, Sb, Sn, As and Li
- Follow-up program currently being planned for Q3 2018

Jadar Lithium Limited (ASX: **JDR**) ("**Jadar**" or "**the Company**") is pleased to provide the following update on its maiden reconnaissance sampling and mapping activities on its Bukulja project in Serbia.

During the maiden sampling campaign on the Bukulja project, the Company collected a total of 54 stream samples; 16 soil samples and 10 rock samples. The samples were dispatched to the ALS laboratory in Bor, Serbia where sample preparation was conducted. These samples were dispatched to the ALS laboratory in Ireland for further analysis of Lithium and associated elements.

Stream Sediment and soil sampling

The objective of the maiden sampling program was to identify anomalous zones within the license area, which may point to lithium mineralisation. Two types of Lithium mineralisation are targeted on Jadar's permits:

- Areas covered with Miocene sediments are potentially prospective for Jadar style Lithium-Borate mineralisation
- Areas with basement granite and metamorphic rocks are targeted for pegmatite related lithium mineralisation.

The Bukulja permit is largely covered by crystalline granite basement rocks, prospective for pegmatite related mineralisation. The south western part of the permit contains alluvial deposits that may overlie the edge of a Miocene sedimentary basin, which is targeted for Jadar-style Lithium-Borate mineralisation. The geochemical program was designed to provide reconnaissance level geochemical signatures from both the basement granitic rocks as well as the surface of the sedimentary units.

The results of the soil and stream sediment sampling were evaluated by a geochemist whereby background values for various elements were determined for each respective sample population. The outlined anomalies are based on element association elevation over background values, rather than absolute values for individual elements. The stream sediment survey has defined five areas which are anomalous in Lithium and other pegmatite associated elements such as tin, beryllium and thallium. These areas warrant further investigation. Due to heavy vegetation cover and the large area of the permit, it was not possible for the teams to map out any potential pegmatite zones in this first sampling phase. The results of this work will allow a second, detailed program to be designed over now much smaller, focussed areas.

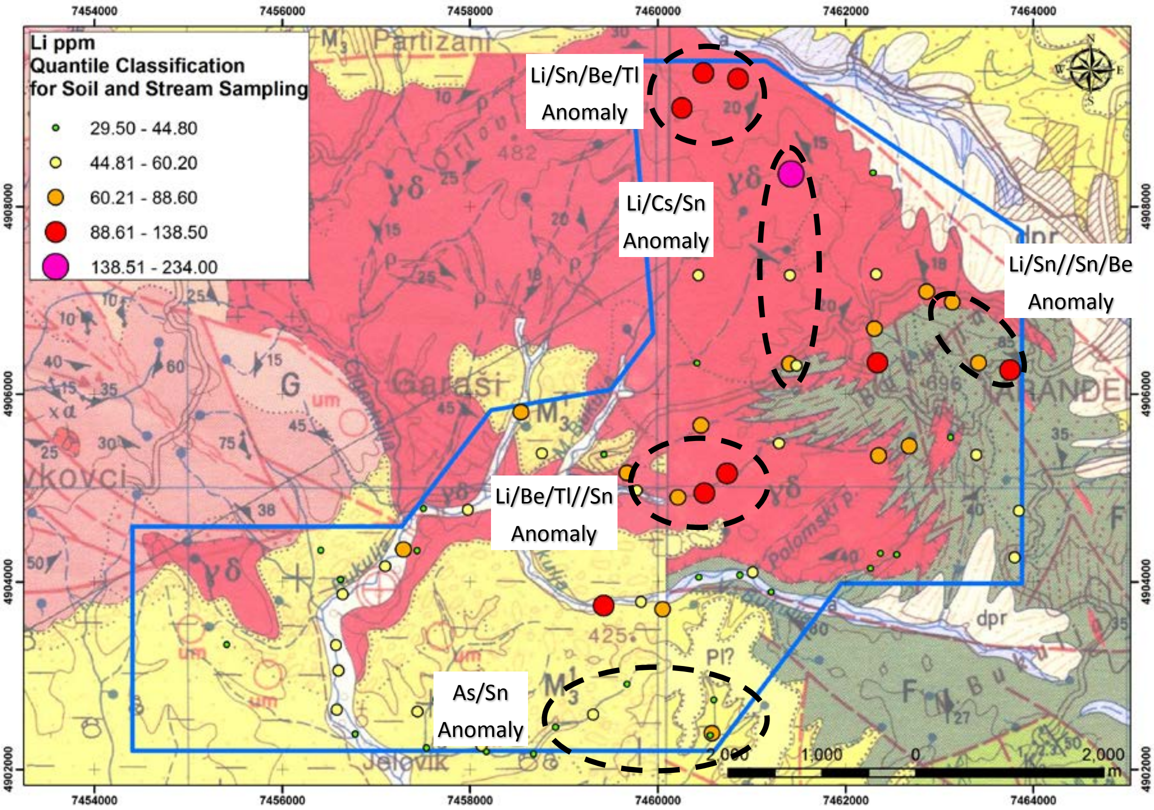

Figure 1 – Bukulja stream and soil sampling points and anomalous zones. Most of the anomalies are located on the Bukulja granitoid (represented as dark red on the map) and on the contacts of the granitoid on the western contact. The As/Sn anomaly on the southern periphery of the license is located within the Miocene sediments and younger alluvial beds (represented by yellow colours) and may reflect transported material from the granitoid.

Rock sampling

Due to lack of outcrop exposure, the Company collected a limited amount of rock samples (10 samples), which were collected from pegmatitic outcrops. While the samples did not return economic grade lithium values, the Company plans to follow up with further mapping and sampling exercise on completion of the infill sampling program.

Sampling results are set out in Tables 1 to 9.

Planned activities for Quarter 3:

- Traversing, mapping and rock chips sampling of the target areas
- Infill soil sampling in areas of interest or in areas with very limited or no rock outcrop.
- Mineralogical studies of selected samples
- Trenching if follow up programs produce well defined targets

The Company is interpreting the results of other projects and on completion will release these results.

ENDS

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Competent Person Statement

The information contained in this ASX release relating to Exploration Results has been compiled by Mr Jerry L Aiken, who is a Registered Member of the Society for Mining, Metallurgy & Exploration (SME). Mr. Aiken has sufficient experience that is relevant to the style of mineralization and type of deposit under consideration, and to the activity being undertaken to qualify as a competent person as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the 2012 JORC Code). Mr. Aiken is a consultant to Jadar Lithium Limited and consents to the inclusion in this announcement of this information in the form and context in which it appears.

Disclaimer

Certain statements included in this release constitute forward looking information. This information is based upon a number of estimates and assumptions made on a reasonable basis by the Company in light of its experience, current conditions and expectations of future developments, as well as other factors that the Company believes are appropriate in the circumstances. While these estimates and assumptions are considered reasonable, they are inherently subject to business, economic, competitive, political and social uncertainties and contingencies, many of which are difficult to predict and generally beyond the control of the Company, that could cause actual results to differ materially from those expressed in, or implied or projected by, the forward-looking information and statements. Whilst the Company considers all the material assumptions to be based on reasonable grounds, there is no certainty that they will prove correct or that the outcomes indicated in the announcement will be achieved.

Forward-looking statements are statements that are not historical facts. Words such as “expect(s)”, “feel(s)”, “believe(s)”, “will”, “may”, “anticipate(s)”, “potential(s)”and similar expressions are intended to identify forward-looking statements. These statements include, but are not limited to statements regarding future production, resources or reserves and exploration programs and results. Many factors could cause the Company’s actual results to differ materially from those expressed or implied in any forward-looking information provided by, or on behalf of, the Company. Such factors include, among other things, risks relating to lithium and other commodity prices and currency fluctuations; exploration risks; risks relating to the interpretation of exploration, sampling, drill results, the geology, grade and continuity of mineral deposits and conclusions of economic evaluations, development risks, operating risks; competition; time delays, regulatory restrictions; environmental harm and liability and additional funding requirements. Further, despite the Company having attempted to identify all material factors that may cause actual results to differ, there may be other factors that cause results not to be as anticipated, estimated or intended. Forward-looking information is no guarantee of future performance and, accordingly, investors are cautioned not to put undue reliance on forward-looking information due to the inherent uncertainty therein. Forward-looking information is made as at the date of this release (or as otherwise specified) and except as required by applicable law the Company does not undertake any obligation to update publicly such forward-looking information, whether as a result of new information, future events or results or otherwise.

Table 1. Stream sampling Bukulja – Part 1, method ME-MS61. Total number of samples 54

Sample_ID	X	Y	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K
ST-001	7456776	4902378	0.06	6.32	7.2	370	4.26	0.35	0.6	0.08	128	5.6	21	25.2	6.5	1.34	14.15	0.19	0.2	0.028	2.68
ST-002	7456577	4902639	0.05	6.56	7.4	390	5.1	0.45	0.63	0.12	132	5.8	22	21.1	7.3	1.45	15.15	0.18	0.2	0.029	2.91
ST-003	7456595	4903054	0.05	6.19	9.6	390	5.24	0.53	0.62	0.1	142.5	7.7	25	23.5	9.8	1.69	15.75	0.2	0.3	0.027	2.83
ST-004	7456569	4903327	0.06	6.52	7.5	390	5.72	0.52	0.61	0.09	156.5	6.5	21	22.9	7.8	1.61	15.6	0.23	0.2	0.032	2.88
ST-005	7456620	4904024	0.07	6.36	9.6	450	2.67	0.34	0.51	0.32	127	12.7	80	11.6	13.4	2.63	15.85	0.21	2.1	0.052	1.76
ST-006	7456639	4903867	0.05	7.32	9	410	6.44	0.67	0.66	0.1	199.5	6.8	19	20.4	7.3	1.59	17.65	0.23	0.3	0.031	3.38
ST-007	7457095	4904165	0.08	7.33	8.6	460	7.58	0.95	0.67	0.09	243	6.9	23	22.3	8.4	1.74	17.7	0.26	0.4	0.036	3.57
ST-008	7457288	4904343	0.06	7.39	7.9	440	6.19	0.7	0.68	0.1	138	6.2	19	22.5	6.7	1.49	17.95	0.23	0.3	0.035	3.61
ST-009	7457503	4904778	0.06	6.64	7.1	400	5.52	0.43	0.71	0.1	204	5.7	19	12.45	6	1.36	15.9	0.26	0.4	0.027	3.07
ST-010-S	7457975	4904768	0.06	7.16	7.6	410	5.66	0.63	0.71	0.09	162	6.5	24	13.4	7.4	1.58	17.45	0.19	0.4	0.035	3.16
ST-011	7460050	4903705	0.09	7.37	32.8	440	3.95	0.68	0.65	0.49	86.6	11	42	14	18.3	2.89	17.8	0.17	0.3	0.064	2.54
ST-012-S	7460872	4904073	0.05	7.5	9	580	6.03	0.69	0.64	0.1	179	6	17	15.75	9.5	1.73	17.6	0.2	0.4	0.043	3.96
ST-013-S	7460435	4904046	0.05	7.22	13.8	490	5.17	0.55	0.59	0.15	152	6.9	23	15.15	10.9	2	17.85	0.19	0.4	0.043	3.27
ST-014-S	7461010	4904103	0.05	7.97	2	570	7.05	0.71	0.7	0.1	235	6.1	15	20.1	8.7	1.77	19.8	0.26	0.4	0.037	3.91
ST-015-S	7461208	4903888	0.09	5.82	50.6	400	2.4	0.47	0.36	0.23	126.5	10.6	43	10.2	17	2.87	14.4	0.19	0.3	0.049	2.26
ST-016	7459308	4902586	0.06	8.25	10.6	380	5.65	0.91	1.12	0.14	86.5	7.4	27	18.2	10.9	2.83	20.9	0.18	0.3	0.061	2.54
ST-018	7458910	4902451	0.05	7.71	8.4	410	6.08	0.84	1.04	0.11	97	6.8	23	13.6	7.9	2.21	18.45	0.16	0.3	0.044	2.62
ST-019	7462265	4904142	0.05	8.92	4.8	300	3.66	0.61	0.26	0.08	124.5	3.7	13	22.4	5.5	1.41	23.4	0.14	0.3	0.038	5.32
ST-020	7462543	4904290	0.03	7.72	3.2	270	5.2	0.41	0.5	0.11	84.4	4	16	13.2	4.9	1.09	18.75	0.14	0.2	0.029	4.07
ST-021	7461289	4905476	0.03	7.07	1	300	8.5	1.15	1.54	0.18	>500	4.5	13	15.35	9.7	1.34	23.4	0.5	0.3	0.033	2.8
ST-022	7460735	4905156	0.03	9.37	1.9	170	13.3	2.48	1.38	0.1	145	3.1	5	31.2	5.7	1.33	28.2	0.2	0.3	0.038	2.58
ST-023	7460496	4904943	0.07	9.39	2.1	410	10.25	1.06	0.6	0.12	158.5	4.4	18	30.4	6.9	1.89	24.7	0.2	0.3	0.044	3.53
ST-024	7460213	4904899	0.04	10	2.8	360	9.99	1.31	0.92	0.05	164.5	4.8	15	26.7	7.1	2.57	28.6	0.23	0.2	0.058	3.09
ST-025	7459819	4903787	0.07	6.71	21.2	480	4.79	0.46	0.5	0.2	93.3	9.6	30	12.95	13.4	2.34	16.1	0.14	0.3	0.043	3.1
ST-026	7459421	4903747	0.1	8.89	41.6	520	6.96	1.22	0.8	0.21	111	9.7	34	18.55	20.3	3.27	23.6	0.18	0.3	0.067	2.78
ST-028	7460556	4902362	0.08	5.85	15.6	380	2.89	0.33	0.38	0.32	66.5	8.8	36	7.76	11.5	2.26	13.75	0.11	0.3	0.039	2.4

Sample_ID	X	Y	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K
ST-029	7460576	4902386	0.08	6.82	22.7	430	2.93	0.46	0.44	0.36	73.8	11	47	11.45	18.2	3	16.2	0.11	0.2	0.06	2.32
ST-030	7458539	4905806	0.06	7.9	2.2	490	7.76	0.76	0.71	0.06	>500	5	9	22.5	5.7	1.03	19.55	0.55	0.3	0.02	4.73
ST-034	7458763	4905367	0.05	8.05	7.1	350	6.86	1.26	1.08	0.33	96.6	12.4	38	13.25	11.4	2.23	20.9	0.15	1.4	0.05	2.13
ST-041	7457534	4902230	0.06	8.34	8.1	400	6.85	0.82	1.03	0.08	102	8.2	21	16.55	8.4	1.94	19.25	0.16	0.4	0.037	3.06
ST-042	7457640	4902750	0.06	8.15	6.1	360	6.91	0.69	1.06	0.05	71.1	3.9	14	13.05	9.8	1.4	19.15	0.14	0.3	0.03	2.98
ST-044	7457439	4902615	0.07	8.06	5.5	380	6.64	0.76	0.88	0.09	104	8.2	29	22.7	10.9	2.01	19.6	0.16	0.6	0.04	2.88
ST-045	7458350	4902631	0.06	7.54	12.8	410	5.7	0.75	0.91	0.17	95.9	10.3	28	13.85	10.1	2.51	18.35	0.15	0.3	0.047	2.62
ST-046	7458120	4902257	0.05	7.69	8.3	420	4.81	0.7	1.38	0.17	91.2	12	48	26.4	17	2.96	19.3	0.16	0.6	0.058	2.56
ST-047	7458173	4902187	0.08	7.16	6.8	410	5.03	0.49	0.97	0.11	85.5	7.3	28	14.6	8.8	1.94	16.9	0.15	0.3	0.039	2.67
ST-048	7458677	4902164	0.05	6.63	5.8	400	4.81	0.43	0.88	0.12	65.7	6.8	22	12.15	7.1	1.73	15.75	0.14	0.3	0.033	2.76
ST-049	7463799	4904259	0.06	6.38	5	450	2.42	0.3	0.44	0.14	77.1	14.2	71	11.25	22.5	3.25	15.45	0.11	0.4	0.059	2.51
ST-050	7463847	4904757	0.09	6.56	3.1	410	2.01	0.39	0.53	0.15	73.5	16	71	8.23	24.9	3.61	16.25	0.09	0.3	0.058	2.16
ST-051	7463751	4906258	0.07	9.32	7.2	430	7.79	1.78	2.75	0.2	96.9	19.8	97	19.45	41.2	4.26	23.7	0.14	1	0.081	2.35
ST-052	7463119	4905540	0.02	6.66	4.4	460	4.95	0.34	1.08	0.12	56.7	8.1	22	9.5	10.1	1.22	14.25	0.14	0.5	0.026	2.08
ST-053	7462675	4905448	0.03	6.71	0.9	320	4.76	0.25	1.1	0.23	60.1	7.4	38	12.2	7.8	1.74	15.1	0.16	0.3	0.023	1.94
ST-054	7460852	4909360	0.04	8.18	3.8	260	9.58	1	1.39	0.19	113.5	9.2	26	18.15	8.3	1.5	20.9	0.16	1	0.037	2.13
ST-055	7460485	4909422	0.04	8.5	4.5	230	10.55	0.71	2.04	0.18	96.3	7.3	17	16.5	7.3	1.19	21.2	0.15	0.5	0.025	2.44
ST-056	7460257	4909050	0.04	8.87	3.3	240	10.45	0.8	1.49	0.2	90.7	6.1	18	15.8	7.7	1.18	22	0.14	0.6	0.028	2.56
ST-057	7462863	4907091	0.06	8.07	6.1	360	8.1	0.97	1.83	0.52	96.3	10.5	43	11.9	13.3	2.03	19.35	0.15	1.2	0.052	2.31
ST-058	7462305	4906698	0.03	7.29	2.6	350	6.05	0.69	1.92	0.19	96.7	7.7	34	11.55	10.3	1.84	16	0.15	0.6	0.04	1.81
ST-059	7461474	4906305	0.04	7.84	6.4	430	5.69	0.38	1.2	0.18	94.1	13.7	32	9.15	8	1.87	18.1	0.13	1.1	0.032	2.3
ST-060	7463138	4906981	0.03	8.08	5.8	410	8.18	1.28	3.1	0.19	123	16.5	57	15.55	14.5	2.78	19.9	0.17	1.1	0.054	2.29
ST-061	7460459	4905668	0.03	7.7	2.1	530	5.87	1.19	0.59	0.13	131	8.1	25	26.1	9.8	2.07	18.85	0.14	0.2	0.045	3.59
ST-062	7459777	4904972	0.06	8.92	2.3	380	18.2	1.16	0.89	<0.02	164.5	3.8	15	23.5	6.2	1.85	23.9	0.16	0.2	0.05	3.28
ST-063	7459669	4905161	0.03	7.67	2.3	540	6.04	1.12	0.41	0.08	420	8.2	24	25.6	8.9	2.18	20.8	0.38	0.4	0.041	3.91
ST-17	7459672	4902909	0.08	7.23	14.1	400	5.45	0.74	0.81	0.23	74.8	9	27	12.85	9.6	2.23	17.25	0.11	0.3	0.05	2.57
ST-27	7460598	4902742	0.09	5.98	14.1	380	3.02	0.32	0.39	0.41	69.4	8.5	38	7.97	11.4	2.14	13.6	0.11	0.4	0.042	2.34
ST-043	7457640	4902750	0.06	8.06	6.4	360	7.38	0.64	1.02	0.05	65.9	4.1	13	12.8	6.5	1.37	18.5	0.14	0.3	0.025	2.96

Table 2. Stream sampling Bukulja – Part 2, method ME-MS61. Total number of samples 54.

Sample_ID	X	Y	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr
ST-001	7456776	4902378	60.1	42.7	0.23	556	0.37	1.68	11.7	10.3	550	33.7	164.5	<0.002	0.01	0.36	4.9	1	5.1	119.5
ST-002	7456577	4902639	61.3	46.8	0.24	597	0.25	1.63	12.3	9.8	550	51	183.5	<0.002	0.02	0.31	5.2	1	5.5	125.5
ST-003	7456595	4903054	67.1	56.9	0.27	759	0.41	1.62	15.6	12.5	600	46.9	180	<0.002	0.02	0.41	5.6	<1	6.4	121.5
ST-004	7456569	4903327	72.5	51.4	0.25	639	0.27	1.55	14.8	10.5	600	40.9	190	<0.002	0.02	0.34	5.7	1	6.3	120
ST-005	7456620	4904024	57.7	39.4	0.53	1160	0.48	0.92	15.9	33.3	650	37.3	114	<0.002	0.03	1.03	10.7	1	3.7	109.5
ST-006	7456639	4903867	92.2	57	0.24	797	0.37	1.79	21.3	9	650	47.6	229	<0.002	0.01	0.28	4.8	1	8.2	132
ST-007	7457095	4904165	114	56.5	0.26	984	0.39	1.72	16.6	10.8	740	50.1	240	<0.002	0.02	0.33	5.2	1	8.2	137
ST-008	7457288	4904343	64.1	64.2	0.24	932	0.32	1.75	13.8	9.4	580	48.6	248	<0.002	0.01	0.27	4.7	<1	8.1	135.5
ST-009	7457503	4904778	96	38.7	0.21	1460	0.33	1.77	16.5	8.3	600	42	194.5	<0.002	0.01	0.24	4.3	1	6.5	137
ST-010-S	7457975	4904768	76.3	46.1	0.27	1070	0.36	1.84	15.1	9.8	480	44.6	208	<0.002	0.01	0.29	4.8	<1	7.1	139.5
ST-011	7460050	4903705	40.7	78.2	0.6	1040	0.77	1.2	17.3	25.2	650	72.2	153.5	<0.002	0.02	0.45	11	<1	6.4	107
ST-012-S	7460872	4904073	79.9	39.8	0.29	1030	0.6	1.38	19.5	8.2	750	45.1	242	<0.002	0.01	0.2	5.6	1	8	179.5
ST-013-S	7460435	4904046	68.7	43.4	0.36	970	0.49	1.28	19.9	11.7	680	41.8	208	<0.002	0.01	0.24	6.7	1	7.7	148
ST-014-S	7461010	4904103	105.5	47.8	0.3	833	0.46	1.42	20	6.8	810	42.2	258	<0.002	0.01	0.13	5.5	<1	9.4	193
ST-015-S	7461208	4903888	56.7	42.9	0.53	2150	0.33	0.84	27.6	22.2	560	68.5	128	<0.002	0.03	0.52	9.1	1	4.2	63.3
ST-016	7459308	4902586	42.9	46.7	0.69	666	0.51	1.6	18.8	12.2	1060	32.7	162	<0.002	0.01	0.18	9.4	<1	9.6	184.5
ST-018	7458910	4902451	45.8	40.1	0.65	758	0.48	1.69	19	10.5	1030	58.7	153	<0.002	0.01	0.47	6.9	<1	9.3	180
ST-019	7462265	4904142	53	33.9	0.15	518	0.75	0.98	17.8	7.2	280	39.6	360	<0.002	0.01	0.24	5.2	<1	10.7	60.5
ST-020	7462543	4904290	36.9	31.6	0.19	454	0.34	2.37	12	8.7	260	31.4	254	<0.002	0.02	0.19	3.7	<1	7	83.2
ST-021	7461289	4905476	285	60.2	0.22	1450	0.31	3.15	27.5	6.9	1240	46.9	168	0.002	0.02	0.06	3.8	<1	8.4	207
ST-022	7460735	4905156	66.3	109.5	0.23	457	0.2	3.55	22.3	3.4	1230	47.5	228	<0.002	0.01	0.11	3.3	<1	14	144.5
ST-023	7460496	4904943	75.2	98.9	0.33	518	0.57	1.63	20.5	5.9	640	45.3	271	<0.002	0.01	0.14	5.7	<1	11.5	138
ST-024	7460213	4904899	79.3	88.6	0.46	361	0.76	2.14	26.8	4.9	1450	48.8	240	<0.002	0.01	0.11	6.9	<1	14.7	179.5
ST-025	7459819	4903787	43.8	48.6	0.44	1160	0.44	1.22	17.5	17.1	570	48.9	181	<0.002	0.01	0.36	8.2	<1	5.9	113.5
ST-026	7459421	4903747	56.8	95.2	0.69	713	0.58	1.17	23	18.8	820	53.7	197	<0.002	0.03	0.33	12	<1	11.5	146.5

Sample_ID	X	Y	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr
ST-028	7460556	4902362	30.5	38.4	0.4	1020	0.61	1.11	15.9	21.6	490	33.1	121	0.002	0.01	0.32	7.9	<1	4.3	72.9
ST-029	7460576	4902386	34.1	66	0.63	1180	0.73	0.88	15.5	29.4	540	36.7	134	0.002	0.01	0.31	11	<1	4.9	68.2
ST-030	7458539	4905806	330	82.6	0.13	906	0.14	1.82	13.7	4.3	700	59.4	326	<0.002	0.01	0.18	2.1	<1	8.5	140.5
ST-034	7458763	4905367	44.3	57.7	0.41	1180	0.41	2.11	16.8	22.5	660	44.9	167.5	0.002	0.03	0.7	7.6	<1	9.4	154
ST-041	7457534	4902230	44.8	39.8	0.4	805	0.4	2.45	16.9	11.5	950	41.1	200	0.002	0.01	0.24	5.6	1	10.1	192
ST-042	7457640	4902750	33.6	31.7	0.29	413	0.24	2.72	16.8	5.7	900	34.6	191	<0.002	0.01	0.16	4.3	1	9.5	205
ST-044	7457439	4902615	47.4	50	0.44	753	0.62	2.08	16.2	15.9	680	40.8	199	<0.002	0.01	0.47	6.4	<1	9.6	162.5
ST-045	7458350	4902631	40.5	36.5	0.54	929	0.6	1.8	16.2	14.9	840	36.2	157	<0.002	0.01	0.22	8.2	1	8	164
ST-046	7458120	4902257	41	52	0.72	689	0.83	1.18	15.3	29.8	850	37.7	161.5	<0.002	0.01	0.52	10.3	1	7.3	147.5
ST-047	7458173	4902187	39	35.6	0.45	556	0.54	1.82	15.3	13.2	710	33.2	157	<0.002	0.01	0.28	6.7	1	7	171
ST-048	7458677	4902164	29.4	29.5	0.35	710	0.54	2.01	18.4	10.5	780	30.3	141.5	<0.002	0.01	0.2	5.3	1	6.6	169
ST-049	7463799	4904259	33.9	46.1	0.59	1170	0.3	0.21	14.5	33.6	550	30.1	137.5	<0.002	0.01	0.31	10.8	1	3.9	85.7
ST-050	7463847	4904757	33	51.7	0.95	1080	0.63	0.35	13.4	36.3	590	25.2	123.5	<0.002	0.02	0.19	12.5	1	5.1	54.4
ST-051	7463751	4906258	42	97.4	0.76	1860	0.39	0.97	24.2	73.2	800	34.2	157.5	<0.002	0.02	0.78	14.4	1	18.6	344
ST-052	7463119	4905540	26.3	39.7	0.31	718	0.29	2.32	7.9	13.3	320	33.2	115	<0.002	0.02	0.39	4.9	<1	4	131
ST-053	7462675	4905448	28.1	68.3	0.48	644	0.12	2.38	12.4	21.6	470	27.2	122.5	<0.002	0.04	0.23	7.3	<1	4.3	160
ST-054	7460852	4909360	52.5	131.5	0.29	836	0.26	2.91	11.9	12	880	37.2	174.5	<0.002	0.02	0.47	4.9	<1	9.6	150
ST-055	7460485	4909422	44.2	133.5	0.28	810	0.22	3.33	8.4	10.5	840	42.6	181	<0.002	0.01	0.37	3.3	<1	9.3	156.5
ST-056	7460257	4909050	42.4	138.5	0.23	672	0.23	3.34	9.2	10.3	820	45.2	198	<0.002	0.01	0.35	3.7	<1	8.2	155.5
ST-057	7462863	4907091	45.5	71	0.44	1080	0.37	2.18	16.7	25.4	620	63.3	169	<0.002	0.03	0.95	7.8	<1	10.6	182.5
ST-058	7462305	4906698	46.3	69.2	0.48	827	0.19	2.19	12	15.7	480	32.7	123	<0.002	0.02	0.33	7.4	<1	10.2	174.5
ST-059	7461474	4906305	44	45.4	0.32	1000	0.24	2.54	10.2	16.4	440	46.1	148.5	<0.002	0.02	0.51	5.9	<1	9.2	165.5
ST-060	7463138	4906981	60.4	68.1	0.74	1230	0.33	1.82	25.6	32.5	540	36.9	151	<0.002	0.02	0.73	11.8	<1	20.6	267
ST-061	7460459	4905668	61.4	72	0.4	827	0.53	1.15	14.7	12.4	450	49.5	261	<0.002	0.01	0.17	6.5	<1	6.3	109.5
ST-062	7459777	4904972	79	56	0.35	349	0.5	2.54	23.6	5.9	1320	41.9	240	<0.002	0.01	0.12	5.5	<1	12.9	194
ST-063	7459669	4905161	201	85.3	0.36	899	0.57	0.79	19.1	10.7	540	59.2	298	<0.002	0.01	0.15	6.3	<1	8.6	107.5
ST-17	7459672	4902909	35.5	33.9	0.41	968	0.5	1.82	16.2	15.2	730	43.5	151.5	<0.002	0.01	0.3	7.6	1	6.4	162
ST-27	7460598	4902742	32.7	37.3	0.39	984	0.57	1.15	16.3	23.2	470	32.8	127	<0.002	0.02	0.37	7.9	<1	3.8	78.9

Sample_ID	X	Y	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr
ST-043	7457640	4902750	30.9	30.4	0.28	430	0.26	2.68	15.9	5.5	800	35.6	189	<0.002	0.01	0.18	4.1	<1	9.3	203

Table 2. Stream sampling Bukulja – Part 3, method ME-MS61. Total number of samples 54.

Sample_ID	X	Y	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
ST-001	7456776	4902378	1.42	<0.05	33.8	0.382	0.98	3.7	30	7.5	11.6	43	7.2
ST-002	7456577	4902639	1.57	<0.05	38.6	0.405	1.11	4.1	32	7.3	11.6	49	7.7
ST-003	7456595	4903054	1.88	<0.05	42.8	0.47	1.2	8.1	36	19.6	13.9	54	11.3
ST-004	7456569	4903327	1.9	<0.05	44.1	0.459	1.15	4.4	34	6.9	13.3	55	6.1
ST-005	7456620	4904024	1.36	0.05	23.4	0.499	0.64	3.1	73	3.6	19.3	76	79.1
ST-006	7456639	4903867	10.2	<0.05	72.8	0.453	1.37	9.6	29	7.1	17.5	57	7.6
ST-007	7457095	4904165	2.22	<0.05	69.6	0.449	1.52	7.7	32	8.2	18.3	66	12.4
ST-008	7457288	4904343	1.86	<0.05	41.1	0.344	1.51	5.3	28	6.9	12.5	59	8
ST-009	7457503	4904778	2.2	<0.05	65.2	0.482	1.13	7.3	25	4.6	15.7	48	10.3
ST-010-S	7457975	4904768	1.99	<0.05	46.2	0.412	1.23	4.5	30	3.8	13.1	54	12.1
ST-011	7460050	4903705	1.6	0.05	16.6	0.546	0.85	5.7	65	9.2	16.7	100	9.4
ST-012-S	7460872	4904073	2.78	<0.05	33.6	0.364	1.46	6	31	3.6	23	64	9.4
ST-013-S	7460435	4904046	3.11	<0.05	32.5	0.427	1.24	7.2	38	4.6	20	73	10.1
ST-014-S	7461010	4904103	2.3	<0.05	67.3	0.312	1.59	12.8	31	3.8	26.8	67	10.9
ST-015-S	7461208	4903888	10.65	<0.05	21.7	0.893	0.72	2.5	59	4.9	11.2	118	10.4
ST-016	7459308	4902586	1.93	<0.05	20.2	0.46	1.04	7.6	48	12.6	22.9	80	6.8
ST-018	7458910	4902451	2.34	<0.05	23.7	0.401	0.98	6	40	10.2	22.2	64	8.5
ST-019	7462265	4904142	2.23	<0.05	35	0.194	1.84	5	18	4.7	15.2	53	9.2
ST-020	7462543	4904290	1.55	<0.05	21.6	0.18	1.32	3.3	18	2.4	10.7	41	8
ST-021	7461289	4905476	7.32	<0.05	194	0.339	1.25	38.7	21	178	34.8	51	7.5
ST-022	7460735	4905156	2.86	<0.05	58.6	0.175	1.41	9.3	13	1.7	27	71	8.3
ST-023	7460496	4904943	2.98	<0.05	50.5	0.277	1.64	17.4	32	4.1	19	78	7.5
ST-024	7460213	4904899	2.89	<0.05	58.3	0.317	1.49	7.3	38	6.7	25.1	104	4.8

Sample_ID	X	Y	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
ST-025	7459819	4903787	1.71	<0.05	16.95	0.55	1.06	3.6	47	5	13.9	82	6.4
ST-026	7459421	4903747	2.23	<0.05	31.5	0.369	1.19	13.8	68	17.1	25	118	8.1
ST-028	7460556	4902362	1.51	0.06	11.75	0.613	0.68	4.5	51	5.6	9.1	68	9.4
ST-029	7460576	4902386	1.34	0.08	13.15	0.601	0.73	4.4	67	5.8	11.9	86	6.3
ST-030	7458539	4905806	2.64	<0.05	226	0.293	2	14.3	12	1	29.6	43	8.1
ST-034	7458763	4905367	1.81	0.05	22.9	0.328	1.03	3.7	51	2.2	16.6	79	43.2
ST-041	7457534	4902230	2.39	<0.05	36.2	0.299	1.19	8.7	39	7.6	19.6	64	9.8
ST-042	7457640	4902750	2.31	<0.05	29.5	0.26	1.19	5.4	26	7.4	16	52	7
ST-044	7457439	4902615	2.12	<0.05	27.2	0.286	1.23	8.2	44	5.1	17.3	64	18.4
ST-045	7458350	4902631	1.71	<0.05	17.3	0.413	0.93	5.6	51	11	18.1	73	7.1
ST-046	7458120	4902257	1.6	<0.05	21.2	0.412	1.01	8	70	6.9	20.4	83	19.1
ST-047	7458173	4902187	1.88	<0.05	21.1	0.383	0.95	5.5	42	7.2	18.8	56	9.7
ST-048	7458677	4902164	2.39	<0.05	20.6	0.404	0.96	5.8	37	8.2	14.7	51	7.6
ST-049	7463799	4904259	1.32	0.06	10.5	0.62	0.7	2.1	81	3.7	14	73	9.3
ST-050	7463847	4904757	1.2	<0.05	10.35	0.647	0.69	2.1	90	2.3	10.9	110	7.9
ST-051	7463751	4906258	2.16	0.11	15.8	0.581	0.92	3.5	103	11	30.2	115	28.5
ST-052	7463119	4905540	0.86	<0.05	9	0.218	0.63	1.8	30	4.2	8.4	39	14.9
ST-053	7462675	4905448	1.35	<0.05	11.35	0.489	0.74	3.2	41	2.9	8.5	46	10.1
ST-054	7460852	4909360	1.61	0.05	32.6	0.248	1.06	6.1	32	1.2	15.3	60	31.8
ST-055	7460485	4909422	1.26	<0.05	30.3	0.149	1.12	5.5	22	1	11.8	46	16.8
ST-056	7460257	4909050	1.27	<0.05	27.3	0.174	1.19	4.1	23	1	12	48	20.5
ST-057	7462863	4907091	1.98	<0.05	18.5	0.33	1.02	3	50	11.1	18.1	91	36.6
ST-058	7462305	4906698	1.27	<0.05	23.9	0.342	0.71	3.8	44	20.6	14.3	59	15.8
ST-059	7461474	4906305	1.14	<0.05	18.55	0.273	0.86	2.9	41	1.1	10.5	51	32.7
ST-060	7463138	4906981	2.36	<0.05	27.6	0.489	0.86	4.3	79	4.1	27.8	63	31.3
ST-061	7460459	4905668	1.76	<0.05	41.7	0.324	1.6	6.8	41	2.1	14.2	67	6.6
ST-062	7459777	4904972	2.85	<0.05	53.3	0.278	1.52	6.9	29	5.5	23.5	81	5.1
ST-063	7459669	4905161	3.15	<0.05	119	0.475	2.02	10.9	39	2.2	23.8	66	12.8

Sample_ID	X	Y	Ta	Te	Th	Ti	Tl	U	V	W	Y	Zn	Zr
ST-17	7459672	4902909	1.61	<0.05	38.2	0.424	0.9	10.5	44	11.5	15.6	66	8.3
ST-27	7460598	4902742	1.48	0.06	12.9	0.611	0.7	4.9	50	5.5	10	67	12.8
ST-043	7457640	4902750	2.16	<0.05	26.1	0.249	1.16	5.2	25	7.3	14.2	51	6.6

Table 4. Soil sampling Bukulja – Part 1, method ME-MS61. Total number of samples 16.

Sample_ID	X	Y	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La
S-005	7455406	4903331	0.08	6.33	9.3	460	2.03	0.26	0.27	0.12	97.1	8.1	78	37.3	12.1	2.52	14.5	0.16	2.2	0.054	1.65	44
S-009	7456411	4904335	0.06	6.24	9.4	450	1.85	0.22	0.32	0.09	105.5	11.4	75	5.66	12.7	2.63	14.3	0.18	2.3	0.047	1.68	47.2
S-010	7457435	4904333	0.06	8.72	7.2	340	9.01	1.16	0.64	0.11	90.9	4.1	25	36.5	14.2	2.15	24.8	0.16	0.6	0.058	2.64	43.8
S-017	7459426	4905358	0.04	6.99	10.7	490	2.27	0.33	0.39	0.1	110.5	14.4	79	6.1	17	3.14	17.4	0.16	2.4	0.059	1.86	47.6
S-025	7460417	4906332	0.06	6.52	9.2	450	2.31	0.34	0.28	0.08	109.5	10.8	69	6.95	9.9	2.38	15.15	0.18	2	0.048	1.94	49.5
S-026	7460432	4907269	0.09	6.8	10	460	3.65	0.98	0.42	0.17	111.5	14.4	68	8.08	13.9	2.46	17.55	0.17	2.1	0.052	1.86	48.5
S-030	7461420	4908349	0.2	8.84	17.6	340	9.62	2.02	0.77	0.32	122.5	7.5	40	27.5	16.7	2.23	26.3	0.21	1.2	0.074	2.39	50.8
S-031	7461406	4907268	0.07	7.06	9	410	2.87	0.45	0.58	0.18	107	11.9	61	7.56	11.1	2.41	18.75	0.19	1.9	0.057	1.83	49.3
S-032	7461401	4906324	0.02	10.7	3.9	170	10.15	1.74	1.2	<0.02	95.2	3.7	20	26.3	21.7	2.03	30.2	0.17	0.3	0.059	2.43	41.7
S-036	7462371	4904304	0.07	6.32	10.2	390	2.23	0.31	0.21	0.08	102.5	11.6	68	5.45	10.1	2.41	14.5	0.16	2	0.051	1.75	44.7
S-037	7462350	4905347	0.04	8.97	5.5	470	5.22	0.56	1.08	0.08	120	7.5	38	8.99	7.6	2.95	21.6	0.17	1.1	0.063	1.9	58.7
S-038	7462338	4906335	0.05	8.04	6.1	510	3.47	0.64	1.1	0.21	99.3	16	82	13.05	16.7	3.57	18.5	0.17	0.8	0.065	1.95	45.2
S-039	7462324	4907279	0.05	6.59	8	410	2.68	0.32	0.43	0.11	99.4	13.6	63	5.74	10.2	2.2	14.9	0.17	2	0.043	1.8	44.6
S-040	7462290	4908359	0.07	6.44	11.2	470	2.44	0.32	0.36	0.18	104	9.9	78	5.03	14.4	2.65	14.6	0.19	2.2	0.053	1.77	47.9
S-042	7463415	4906336	0.06	8.02	6.2	400	6.8	2.53	3.05	0.19	132.5	14.3	64	19.05	19.2	2.5	22.1	0.2	1	0.073	3.01	54.8
S-043	7463394	4905352	0.04	9.59	3.4	400	3.02	0.43	1.06	0.13	84.7	16.3	87	5.15	40.7	4.8	20.8	0.18	0.2	0.069	1.97	36.7

Table 5. Soil sampling Bukulja – Part 2, method ME-MS61. Total number of samples 16.

Sample_ID	X	Y	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
S-005	7455406	4903331	42	0.55	777	0.58	0.85	15.4	29	500	25.1	107	<0.002	0.03	1.06	11.1	1	3	89.6	1.14	<0.05	13.1
S-009	7456411	4904335	39.8	0.56	875	0.53	0.85	15.7	30.2	320	25.1	97.1	<0.002	0.02	1.02	10.8	1	2.8	95.2	1.16	<0.05	14
S-010	7457435	4904333	44.6	0.31	292	0.59	2.07	20.7	8.7	850	48.5	213	<0.002	0.03	0.48	6.5	<1	15.5	154.5	2.46	<0.05	29.6
S-017	7459426	4905358	43.7	0.62	1060	0.56	0.85	15.2	38	330	24.3	116	<0.002	0.01	0.99	12.3	1	3.4	94.7	1.19	<0.05	14.8

Sample_ID	X	Y	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
S-025	7460417	4906332	44.8	0.5	669	0.56	0.88	16.6	24.7	230	35.9	135.5	<0.002	0.02	1.13	9.6	1	3.8	95.7	1.43	<0.05	19.85
S-026	7460432	4907269	52	0.47	1360	0.47	1.07	15.2	31.5	410	38.5	133	<0.002	0.02	1.04	10.3	1	5.9	97	1.43	<0.05	16.95
S-030	7461420	4908349	234	0.48	1360	0.56	1.98	18.7	17.4	1140	55.6	262	0.002	0.04	0.77	7.7	1	17.8	96.1	2.77	<0.05	29.4
S-031	7461406	4907268	60	0.54	844	0.38	1.33	14.8	26.4	440	35.6	125	<0.002	0.02	0.96	9.8	1	5.2	113.5	1.28	<0.05	16.55
S-032	7461401	4906324	82.3	0.29	183	0.2	3.34	12.7	16.2	270	44.9	201	<0.002	0.01	0.32	5.8	1	10.6	133	1.63	<0.05	42
S-036	7462371	4904304	38.8	0.44	474	0.59	0.72	17.8	23.8	220	36.6	105	<0.002	0.02	1.09	9.7	1	3.7	82.3	1.49	<0.05	15.45
S-037	7462350	4905347	76.6	0.59	383	1.24	2.06	26.8	13.3	420	42.8	124	<0.002	0.02	0.61	10.2	1	7.1	322	2.11	<0.05	29.5
S-038	7462338	4906335	113	1.11	1410	0.45	1.57	14.4	34.1	440	41.8	160	<0.002	0.02	0.59	14.7	1	4.9	120.5	1.32	<0.05	16.4
S-039	7462324	4907279	48	0.45	629	0.45	1.21	14.8	22.1	330	33.7	108	0.002	0.02	1	9.1	1	3.8	106.5	1.21	<0.05	14.25
S-040	7462290	4908359	43	0.52	1070	0.57	0.97	15.1	34.1	440	29.5	106	<0.002	0.02	1.09	10.9	1	3.2	98.5	1.17	<0.05	14.05
S-042	7463415	4906336	80	0.52	1080	0.43	1.37	28.4	33.1	300	54.6	197	<0.002	0.02	0.83	11	1	17.6	512	2.65	0.09	19.45
S-043	7463394	4905352	54.2	1.22	847	1.04	0.96	15.1	44.4	460	20.7	116	<0.002	0.01	0.27	17.5	1	3.2	103	1.11	0.07	11.35

Table 6. Soil sampling Bukulja – Part 3, method ME-MS61. Total number of samples 16.

Sample_ID	X	Y	Ti	Tl	U	V	W	Y	Zn	Zr
S-005	7455406	4903331	0.5	0.62	2.5	77	3.1	14.4	72	83
S-009	7456411	4904335	0.526	0.58	2.5	80	2.2	14.7	63	87.9
S-010	7457435	4904333	0.297	1.26	2.8	41	17.7	11.5	94	18
S-017	7459426	4905358	0.498	0.67	2.5	92	2.2	18.9	76	86.7
S-025	7460417	4906332	0.501	0.85	3.7	74	2.1	11.6	57	74.9
S-026	7460432	4907269	0.466	0.8	2.6	73	2	16	66	75.4
S-030	7461420	4908349	0.336	1.64	4.1	48	3.2	17.9	125	42
S-031	7461406	4907268	0.444	0.76	2.6	68	1.7	13.4	74	68
S-032	7461401	4906324	0.172	1.3	4.2	35	1.8	12.8	61	10.7
S-036	7462371	4904304	0.508	0.68	2.6	73	2.5	11.7	54	77.8
S-037	7462350	4905347	0.504	1.02	6	66	2.8	13.1	82	36
S-038	7462338	4906335	0.491	0.85	2.8	89	2.4	14.8	89	26.3
S-039	7462324	4907279	0.478	0.68	2.4	67	1.7	11.8	57	72.3
S-040	7462290	4908359	0.497	0.61	2.5	77	1.9	19.4	87	81.7
S-042	7463415	4906336	0.561	1.3	3.6	74	5.9	32.2	73	32.8
S-043	7463394	4905352	0.613	0.7	2.4	112	1.9	11.8	94	6.1

Table 7. Rock sampling Bukulja – Part 1, method ME-MS61. Total number of samples 10.

Sample_ID	X	Y	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe	Ga	Ge	Hf	In	K	La
CS-001	7459999	4909092	0.06	6.65	0.3	250	15.95	0.71	1.41	0.04	34	2.7	16	64.6	3.4	1.26	19.6	0.07	0.2	0.019	2.14	16.7
CS-002	7459944	4909091	0.25	7.26	0.8	10	8.63	3.09	0.32	<0.02	2.42	0.6	17	21	24	0.75	23.1	0.06	0.1	0.012	3.95	1.2
CS-003	7459913	4909058	0.05	6.89	0.2	130	136	0.06	0.31	<0.02	1.87	1.2	13	76.7	2.2	0.63	23.5	0.05	0.3	<0.005	3.59	1.1
CS-004	7459940	4909028	0.08	6.85	0.5	220	65.1	0.8	0.93	<0.02	19.9	1.7	11	43.8	2.6	0.98	22.3	0.1	0.3	0.009	2.81	10.2
CS-005	7460149	4908971	0.04	6.59	0.2	50	7.12	2.6	0.58	<0.02	22.1	1	14	30.3	5.6	0.83	19.4	0.1	0.2	0.023	3.58	10.2
CS-006	7460137	4908945	1.51	6.61	<0.2	90	15.4	3.49	0.67	0.03	15.55	1.1	15	15.35	33	0.88	21.2	0.09	0.1	0.019	2.63	7.8
CS-007	7460137	4908911	0.2	7.11	0.2	70	20.1	26.9	0.45	<0.02	15.95	0.8	15	38.9	8	0.73	21	0.16	0.2	0.017	4.36	7.9
CS-008	7462150	4907560	0.06	7.25	0.7	360	13.15	0.62	1.59	<0.02	34.5	3	18	72.5	3.8	1.37	20.3	0.13	0.2	0.02	2.4	16.9
CS-009	7462119	4907546	0.04	6.59	1	10	5.61	2.21	0.44	<0.02	3.22	1.2	12	13.15	3.2	0.77	23.4	0.09	0.2	0.034	3.02	1.6
CS-010	7462141	4907507	0.09	6.92	<0.2	310	5.76	0.96	1.27	<0.02	40.6	2.2	14	19.35	4.4	1.31	19.75	0.11	0.1	0.028	3.05	20

Table 8. Rock sampling Bukulja – Part 2, method ME-MS61. Total number of samples 10.

Sample_ID	X	Y	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th
CS-001	7459999	4909092	155.5	0.26	473	1	2.9	9	1.9	550	19.3	270	<0.002	<0.01	<0.05	2.5	<1	31.4	154.5	2.59	<0.05	9.42
CS-002	7459944	4909091	148.5	0.03	585	1.07	3.17	11.7	1.9	460	23.7	470	<0.002	<0.01	<0.05	0.4	1	21.1	8.9	4.09	<0.05	1.29
CS-003	7459913	4909058	90.7	0.03	918	1.05	2.85	17.3	2	690	15.6	650	<0.002	<0.01	<0.05	0.2	1	86.4	64.7	7.14	<0.05	1.12
CS-004	7459940	4909028	115	0.17	657	0.73	2.79	14.2	1.8	630	18	411	<0.002	<0.01	<0.05	1.4	<1	59.1	115	5.52	<0.05	5.91
CS-005	7460149	4908971	191	0.09	217	0.98	2.51	7.9	2.6	350	35.7	320	<0.002	<0.01	<0.05	1.2	1	16.6	49.7	1.86	<0.05	8.52
CS-006	7460137	4908945	133	0.11	397	1.01	3.11	10.2	1.7	470	22	298	<0.002	<0.01	<0.05	1.2	<1	16.9	54.2	2.9	<0.05	4.73
CS-007	7460137	4908911	132	0.05	707	1.1	2.5	10.7	1.9	360	33	450	<0.002	<0.01	<0.05	0.5	1	24.5	41.5	4.41	<0.05	8.3
CS-008	7462150	4907560	212	0.28	390	0.94	2.79	8.3	2.2	580	21.7	279	<0.002	<0.01	<0.05	2.7	1	35.2	169.5	2.28	<0.05	8.94
CS-009	7462119	4907546	129.5	0.06	245	1.13	2.38	12.3	1.8	320	21.6	310	<0.002	<0.01	<0.05	1.8	1	21.8	19.6	1.89	<0.05	1.38
CS-010	7462141	4907507	236	0.25	322	0.71	2.61	9.9	2.6	560	31.4	238	<0.002	<0.01	<0.05	2.5	<1	12.1	148	1.72	<0.05	12.9

Table 9. Rock sampling Bukulja – Part 3, method ME-MS61. Total number of samples 10.

Sample_ID	X	Y	Ti	Tl	U	V	W	Y	Zn	Zr
CS-001	7459999	4909092	0.113	1.81	1.4	14	1.1	4.7	63	4.4
CS-002	7459944	4909091	0.015	2.56	1	<1	1.1	3.4	33	1.2
CS-003	7459913	4909058	0.01	3.92	0.9	2	1	1.3	34	3.1

Sample_ID	X	Y	Ti	Tl	U	V	W	Y	Zn	Zr
CS-004	7459940	4909028	0.067	2.47	1.2	8	0.7	3.4	47	4.3
CS-005	7460149	4908971	0.056	1.79	1.4	3	1	3.9	36	5.1
CS-006	7460137	4908945	0.052	1.59	3.2	5	1	4.2	39	2.4
CS-007	7460137	4908911	0.03	2.42	4.6	2	1.3	5.6	25	2.6
CS-008	7462150	4907560	0.119	1.82	1.4	15	0.7	5.1	61	4
CS-009	7462119	4907546	0.027	1.59	1.1	1	1.7	2.5	25	1.7
CS-010	7462141	4907507	0.113	1.39	1.6	13	0.6	5.1	55	3.9

JORC Table 1. This table applies to the Bukulja project work program

CRITERIA	COMMENTARY
Sampling techniques	The following Stream Sediment sampling technique was followed by the Company throughout the Bukulja project survey: Stream sediments comprise clastic and hydromorphic components, including detrital grains, clays, colloids, organic matter and Fe-Mn coatings on clasts. In view of this diversity it is important to collect the most appropriate size fraction consistent with the objectives of the sur- vey. In mineral exploration the objective is to enhance the anomaly contrast (peak/background ratio) in order to increase the chances of identifying a mineralised bedrock source. • Sites are selected with the following factors in mind - Avoid obvious sources of contamination: sample upstream (at least 50 m) from roads and habitation. - Where valleys are steeply incised avoid collapsed bank material by sampling near the center of the stream. - Avoid areas of winnowed sediment. Fine-grained material at the margins of the water course may be better. - Avoid deposits of well-sorted gravel and areas of limited sediment accumulation. - For consistency, always sample material deposited in the same setting in a stream e.g. do not mix material from heavy mineral traps with fine sediment banks. • Sample collection - Location was made with Garmin- GPSmap 64 - Wash sieves and pans in stream immediately prior to sampling. The sieve with the 2 mm cloth is placed on top of the fine sieve and both are mounted on top of the pan. - Collect sediment from several points on the stream bed to produce a representative composite sample. The top 10–20 cm of sediment is discarded to avoid spurious high contents of Fe and Mn in oxide coatings. - Load coarse sediment into the top sieve with minimum input of water. Remove large clasts by hand and rub the material through the top sieve, wearing rubber gloves. Remove the top sieve and continue careful rubbing and shaking until adequate fine material (normally about 100 g dry weight) has passed through the lower (fine) sieve into the pan beneath. No coarse particles should be allowed to enter the fine fraction sample. - Leave sample to settle for a fixed time, typically about 15–20 minutes. During this period panned-concentrate and water samples may be collected, and site data are recorded. - Decant excess water to leave a final volume of 200–250 ml. Homogenize this by gentle agitation with stirring, and carefully decant into a clean numbered Kraft bag using a clean funnel. Place the sealed bag in a thin

	polythene bag and secure with a loose knot for transportation in an upright position. - Wash all equipment thoroughly in the stream before packing away. - Collect duplicate samples at some sites to monitor within-site variability. In a regional survey field duplicates are normally collected from every 100th site. Prenumbered field cards, randomized in blocks of 100 numbers, are issued to the sampling teams. At each site the appropriate number is allocated to all sample containers, which are sealed onsite Sampling procedure which the Company followed for Rock sampling: • Once the sample location has been determined, its location is defined and recorded by using a hand held GPS • Approximately 2 Kg of sample material is collected, ensuring that the sample is representative of the outcrop being sampled • The sample is placed into the sampling container, which is labeled according to the attributed sample number. • All relevant information with regard to the outcrop was recorded. Sampling procedures which the Company followed for Soil sampling: • Locate the predesignated sampling position using a hand-held GPS • In areas where deep moist soils exist, a hand soil auger is usually required to reach the soil horizon • Hand auger down to get through the humus layer and the sample is obtained approximately 20cm below the surface of the soil horizon, if possible from the C horizon • To avoid cross contamination a nylon brush is used to clean the dirt and mud from the sampling equipment before the sample is collected. • The sample is sieved on-site using a 80 mesh sieve, 178 micrometers, using a stack of sieves with progressively finer mesh sizes. • Approximately 1-2kg of sampled material is collected • samples are placed in a labeled plastic bag (outside and a sample ticket is placed inside the bag) and is sealed onsite • The samples are stored in a dry and secure container on the project area • The samples are submitted to the laboratory while observing sample handling and handover protocols Mr. Jerry Aiken is the Competent Person, as far as this announcement (and this JORC Table 1) is concerned. Mr. Aiken judges these stream sediment and rock sample results to be sufficiently reliable for the purpose of defining the main zones of

	interest at Bukulja project. The results will only be used to guide the initial phases of Jadar's work, and do not form part of any resource estimate.
Drilling techniques	Not Applicable
Drill sample recovery	Not Applicable
Logging	Not Applicable
Sub-sampling techniques and sample preparation	Not Applicable
Quality of assay data and laboratory tests	The samples were submitted to the ALS laboratory in Bor (ISO 17025 accredited) for analysis: All samples were analyzed by the ALS method ME0MS61L. The Company did not conduct routine QA/QC analysis on the results, including the systematic utilization of certified reference materials, blanks, and umpire laboratory check assays, as at the time of the sampling program, the Company did not have access to certified reference materials. All work was supervised and authorized by a person qualified under the JORC Code guidelines. Jadar's CP is confident that the analytical and assay techniques and QA/QC protocols implemented by the ALS laboratory were appropriate and adequate for the purposes of defining zones of interest in the area. These sample media and techniques and assays were not part of a resource estimate.
Verification of sampling and assaying	No drilling or mineralization reported here. No drilling or twinning of holes reported here. No adjustments were made to the assay data.
Location of data points	Not applicable as there is not Mineral Resource Stream samples: Grid System: WGS84; GCS_WGS_1984 WKID: 4326; Datum: D_WGS_1984 Spheroid: WGS_1984; Angular Unit: Degree Stream sediment and rock sampling locations were determined by a hand-held GPS. Topographic accuracy is estimated to be within 30-50 meters. Topographic control is not considered relevant, as it does not relate to Mineral Resources
Data spacing and distribution	Stream Sediment and soil samples were collected on an estimated density of two samples per 1 square Km. The location of stream samples was determined by local stream distribution. The soil samples were collected on a 1km grid, where stream density did not allow for adequate coverage with soil samples. Mr. Jerry Aiken considers that the sample/data spacing and distribution which deployed in the 2018 stream sediment survey and the rock sampling exercise to be sufficient and adequate for orientation purposes. Infill soil sampling and further scouting will be undertaken in areas which were defined as anomalous in this

	survey No mineral resource or ore reserve is being reported. Sample composite was not employed.
Orientation of data in relation to geological structure	The stream sediment and soil surveys were designed to cover the majority of the license and on an approximate 2 sample to 1km2 sampling density. The sample locations and distribution was determined by the local stream distribution. The rock samples were collected from outcropping areas and where the outcrop had pegmatitic texture. Not applicable as no drilling is reported by the company. Not applicable as no drilling is reported by the company.
Sample security	Throughout the sampling program, all prescribed sample handling protocols were adhered to. The sample handling protocols included; • Each day after sample collection, the samples were stored in a central, secured location within the project area after being catalogued and labeled. • On completion of the sampling program, the samples were transported directly to the ALS laboratory in Bor, where relevel ALS personnel signed off the receipt of the samples. • The CP assumes that all ALS internal sample handling procedures were adhered to. The CP judges that the sample handling protocols which were implemented throughout the program were sufficient to maintain sample integrity.
Audits or reviews	No audits have been undertaken

Section 2 Reporting of Exploration Results
(Criteria listed in the preceding section also apply to this section.)

Criteria	
Mineral tenement and land tenure status	• Centurion Metals DOO, a 100% owned subsidiary of Jadar resources LTD, is a 100% holder of Bukulja mineral exploration license (License # 310-02-01835/2016-02). The license is located in central Serbia. • At time of reporting the company license is in good standing and the company plans to comply with all provisions relating to the Serbian mining law
Exploration done by other parties	• Historical work has been conducted on the Bukulja project area by various Serbian and Yugoslav state geological agencies. The Company is not aware of the results of these investigations.
Geology	• The CP judges, from the data which is available at time of this announcement, that the mineralisation style may be related to pegmatite dykes

Drill hole Information	• Not relevant as no drilling is being reported in this announcement
Data aggregation methods	• No data aggregation methods were used in this announcement • No metal equivalent formulas were used in reporting of any results
Relationship between mineralisation widths and intercept lengths	• No drilling intercepts are reported here.
Diagrams	• No drilling results are presented in this announcement.
Balanced reporting	• The reporting here covers the area of the company's current focus. Further data analysis and interpretation may result in the definition of new targets
Other substantive exploration data	• No information available on metallurgy, ground water, bulk density or rock stability. • Integration and interpretation of the various data sets are on-going
Further work	• The Company plans to execute a gridded soil sampling program over the anomalous areas in the northern and eastern part of the permit. The sampling program will be aimed at defining the source of the anomalies defined by the stream sediment sampling. On definition of soil anomalies, the company will conduct detailed mapping and possibly follow up with trenching. • The company believes that the Stream Sediment anomalies are related to pegmatite dykes within the Bukulja granite