Jadar Resources

ASX RELEASE: 9 February 2021

Acquisition of Khartoum Tin-Silver-Tungsten Project in North Queensland Australia

Highlights

- **Jadar has signed a Sales and Purchase Agreement for the 100% acquisition of the Khartoum Tin, Silver and Tungsten project.**
- **Tenement package consists of 5 exploration leases covering approximately 396.39km^2 in the tightly held prospective Herberton mineral field.**
- **Potential for world class deposit with 50km^2 of outcropping mineralized rock formations.**
- **Highly prospective exploration area with a large number of old Sn, Ag-Pb-Zn, Cu, W mines and mineral occurrences within tenement area.**
- **170km^2 of soil sampling comprised of 20,537 samples completed across tenements as well as 2D and 3D mapping completed to identify most prospective areas.**
- **Multiple high priority drill targets identified with 1 target drilled. Targets identified through review of historical drilling with all 6 historical holes intersecting mineralisation. Best intercepts of 104m at 0.21% Sn from 12m and 34m at 0.26% Sn from 99m.**
- **Metallurgical testwork of drill cores produced 71% tin recovery from gravity and flotation.**
- **360 rock chip samples returned multiple high grade rock chip and historic mine mullock sample assays, which include peaks of 874g/t Ag, 15.25% W, 5.47% Sn and 3.39g/t Au.**
- **High grade channeling intersected mineralization at Khartoum with peaks of:**
    - **8m at 1.7% Sn, 90g/t Ag, 0.22g/t Au and 0.23% Cu – Undrilled**
    - **15m channel of greisen 0.4% W and 32g/t Ag – Undrilled**
    - **1m channel of shear in granite 2,800g/t Ag, 2% Cu, 3.9% Pb and 0.4% Zn – Undrilled**

Jadar Resources Limited (ASX:JDR) ("**Jadar**", the "**Company**") is pleased to announce that it has signed a sale and purchase agreement (SPA) with Jervois Mining Limited (ASX:JRV) (Jervois) for the purchase of the Khartoum Tin, Silver and Tungsten tenement portfolio. Total consideration is AUD$300,000 cash from existing reserves.

Following execution of the SPA Jadar will have 30 days to complete due diligence. Completion of the transaction is subject to Jadar obtaining shareholder approvals and meeting all ASX requirements to affect the transaction, if required.

Jadar Resources' Executive Director Adrian Paul commented:

The inclusion of the Khartoum Tin, Silver and Tungsten project will add an additional layer of diversifaction to Jadar's rapidly growing asset portfolio whilst also increasing exposure to materials that are considered key to electrical products, such as tin and silver.

Tin's outstanding recent performance has seen prices rise dramatically over the last 9 months, currently hovering around the $23,000 per tonne mark, levels not seen since mid-2014. This is largely due to tin's use as a solder in electronics. The COVID pandemic has created increased demand for electrical goods due to a need to work from home as well as increased consumer spending on electronics generally given an in-ability to travel.

This increased demand, with limited new supply in sight, has been very favourable for tin prices. The Khartoum Project is of particular interest given the prospectivity of the area, not only for tin, but also silver, tungsten, bismuth, gold, and copper. Additionally, historical exploration work undertaken will assist in rapidly developing targets for drilling at the project. Specifically, historical drilling results as well as high-grade channelling areas which remain undrilled. This will position Jadar to commence activity onsite swiftly following completion of due diligence.

Khartoum Tenement Portfolio and Setting

Located approximately 100km south west of Cairns, the Khartoum tenement package consists of 5 exploration permits EPM14797, EPM19112, EPM19113, EPM19114 and EPM19203 covering a total area of 396km^2.

Khartoum has been identified as particularly prospective for tin, silver and tungsten mineralisation hosted by a Late Carboniferous-Early Permian felsic intrusive.

The area contains over fifty tin, tungsten, bismuth and gold occurrences. Results from rock chip sampling indicate that high grade tin is mostly associated with cassiterite bearing quartz veins in greisen and disseminated cassiterite in greisen.

Regional mapping identified a 9km by 3km zone of alteration around shear zones in the granite that consists of intensely silica altered greisen zones, sometimes containing quartz veins. Maximum rock chip and historic mine mullock sample assays include 15.25% W, 3.78% Sn, 0.13% Bi and 438 ppm Ag. Soil sampling identified fifteen highly anomalous areas mainly for tin.

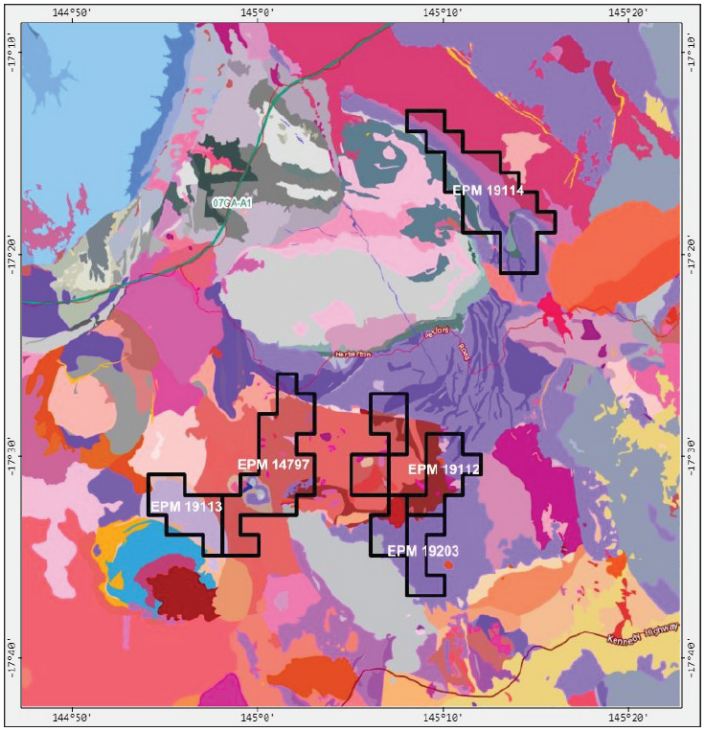

Figure 1 - Khartoum tenement package locations West of Herberton and North of Mt Garnet

Tenement Portfolio Summary

Tenement	Grant date	Expiry date	Sub blocks/area
EPM14797	13/1/2006	12/1/2021*	36
EPM19112	4/3/2014	3/3/2022	9
EPM19113	29/5/2014	28/5/2022	10
EPM19114	3/3/2014	2/3/2022	24
EPM19203	3/3/2014	2/3/2022	6

*Renewal submitted

Previous Exploration Results

In 2006 a rock chip sampling program was undertaken by previous holders of the tenements. The program consisted of collection of 360 rock chip and mullock samples across EPM14797. Of the 360 samples collected peak assays include 874g/t Ag, 15.25% W, 5.47% Sn and 3.39 g/t Au. In addition to the peak assays there were multiple other higher grade mineralized samples including

- 15 samples greater than 50g/t Ag
- 20 samples greater than 0.1% W

- 58 samples greater than 0.1% Sn
- 3 samples greater than 1g/t Au

These samples were selected to show the exploration potential of the tenements. The remainder of the samples collected show mineralization but to a lesser extent. Figure 2 below shows the sample locations which are within EPM14797. All results can be see in the attachment of this announcement.

20,537 soil samples have been assayed to allow mapping and development of 2D and 3D regional prospectivity models to refine future exploration programs. The location and dispersement of soil sampling within EPM14797 can be seen below in figure 3.

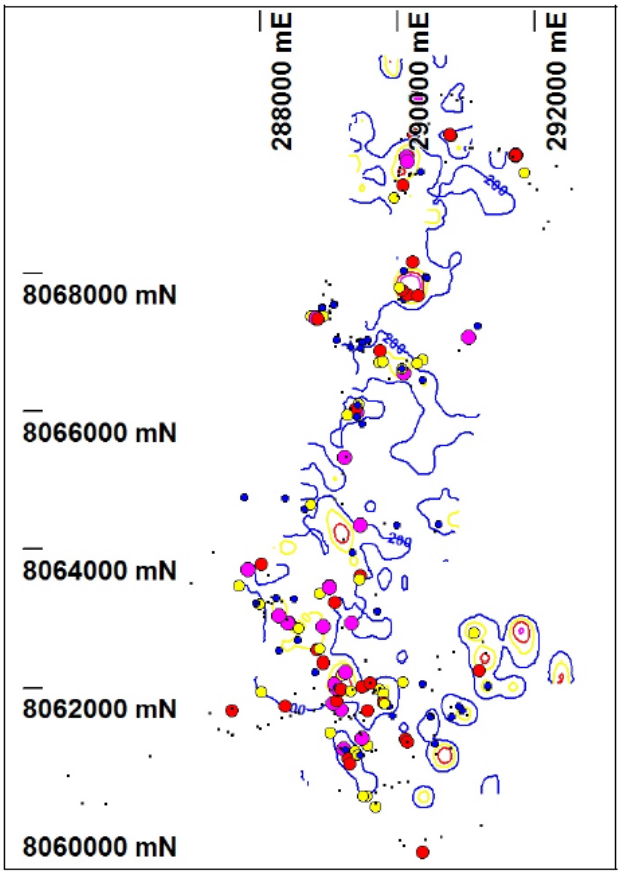

Figure 2 - 2006 Rock chip and mullock sample locations within EPM14797

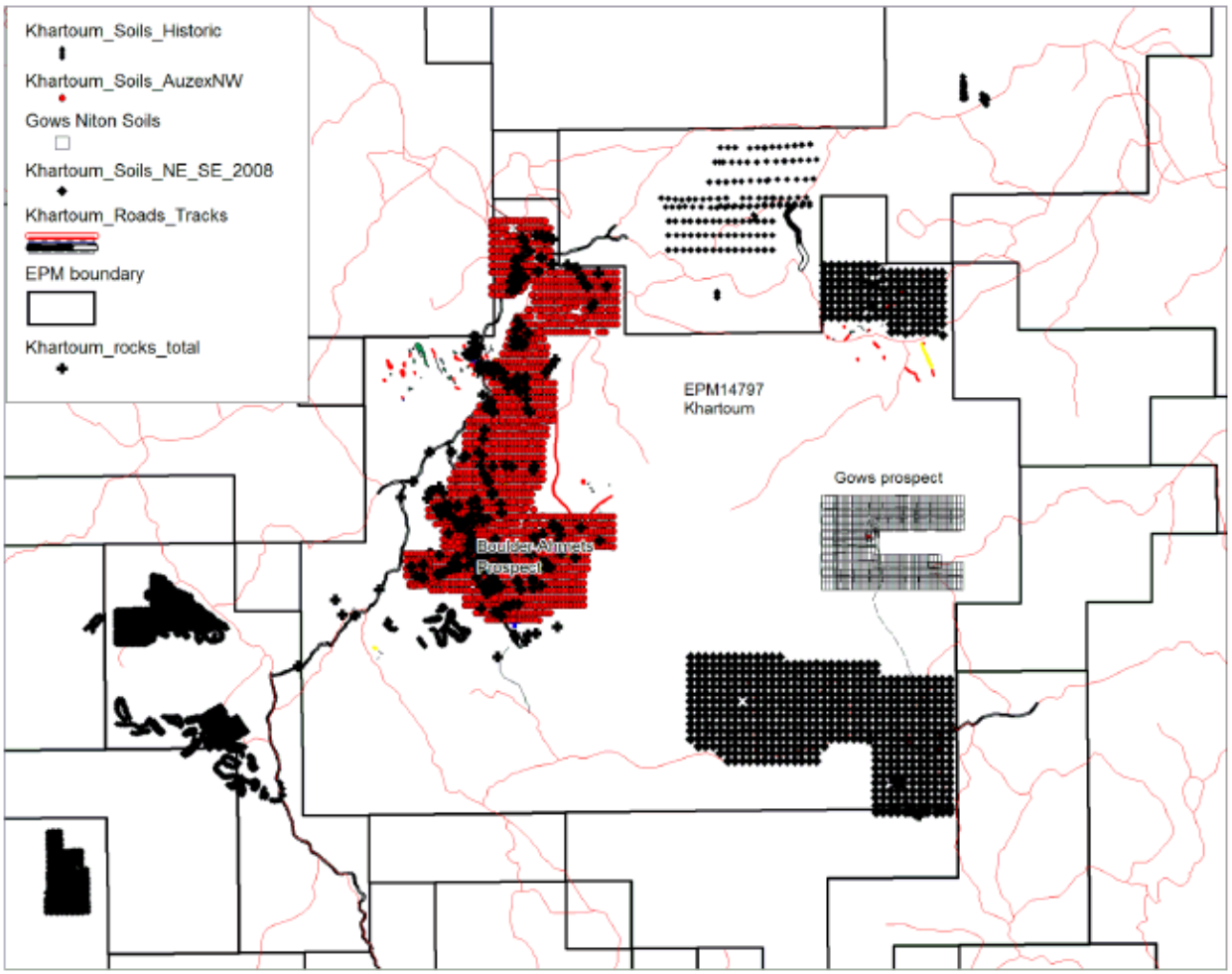

Figure 3 – Soil sampling locations within EPM14797

Acquisition Terms

Jadar has entered into a sale and purchase agreement (SPA) with Jervois Mining Limited (ASX:JRV) (Jervois) to acquire 100% of the Khartoum exploration temenet package (Khartoum Tin-Tungsten Project), in return for a cash payment of AUD$300,000.

Subject to Jadar board approval and ASX approval and upon execution of the SPA Jadar will have 30 days to complete due diligence on the project and upon completion of due dilligence will pay the full cash consideration of AUD$300,000 to Jervios.

ENDS

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This ASX announcement was authorised for release by the Board of Jadar Resources Limited.

Competent Person Statement

The information in this announcement that relates to the Khartoum Tin-Silver-Tungsten project is based on information compiled by Dr Howard Carr who is a Member of the Australian Institute of Geoscientists. Dr Carr is contracted exclusively to Jadar. Dr Carr has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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". Dr Carr consents to the inclusion in this announcement of the matters based on information in the form and context in which it appears.

Forward Looking Statement

Forward Looking Statements Statements regarding Jadar´s plans with respect to its mineral properties and programs are forward-looking statements. There can be no assurance that Jadar's plans for development of its mineral properties will proceed as currently expected. There can also be no assurance that Jadar will be able to confirm the presence of additional mineral resources, that any mineralisation will prove to be economic or that a mine will successfully be developed on any of Jadar's mineral properties. The performance of Jadar may be influenced by a number of factors which are outside the control of the Company and its Directors, staff, and contractors. These statements include, but are not limited to statements regarding future production, resources or reserves and exploration results. All of such statements are subject to certain risks and uncertainties, 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. These risks and uncertainties include, but are not limited to: (i) those relating to the interpretation of drill results, the geology, grade and continuity of mineral deposits and conclusions of economic evaluations, (ii) risks relating to possible variations in reserves, grade, planned mining dilution and ore loss, or recovery rates and changes in project parameters as plans continue to be refined, (iii) the potential for delays in exploration or development activities or the completion of feasibility studies, (iv) risks related to commodity price and foreign exchange rate fluctuations, (v) risks related to failure to obtain adequate financing on a timely basis and on acceptable terms or delays in obtaining governmental approvals or in the completion of development or construction activities, and (vi) other risks and uncertainties related to the company's prospects, properties and business strategy. Our audience is cautioned not to place undue reliance on these forward-looking statements that speak only as of the date hereof, and we do not undertake any obligation to revise and disseminate forward-looking statements to reflect events or circumstances after the date hereof, or to reflect the occurrence of or non-occurrence of any events.

Attachment 1 – 2006 rock chip program results in ppm

Sample	Easting	Northing	Locality	Ag	As	Au	Bi	Cu	Mo	Pb	Sb	Sn	W	Zn
19001	287948	8061448	outcrop	1	20	0.026	3	37	3	237	-5	6	10	73
19002	287980	8061432	outcrop	0.6	161	0.047	6	59	1	293	6	5	20	71
19003	288100	8061479	outcrop	-0.5	10	0.005	-2	11	2	55	8	-5	-10	16
19004	288291	8061582	outcrop	0.6	10	0.007	-2	11	1	165	-5	12	-10	21
19005	288421	8061610	outcrop	-0.5	64	0.034	-2	8	4	9	9	6	-10	13
19006	288502	8061663	outcrop	-0.5	11	0.016	-2	6	6	18	-5	5	-10	4
19007	288546	8061645	outcrop	-0.5	18	0.007	-2	7	14	12	10	-5	-10	9
19008	288391	8062940	mullock	0.8	1350	0.001	27	140	1	273	-5	9080	40	27
19009	288389	8062940	mullock	0.7	40	0.001	-2	8	-1	10	-5	7620	11400	5
19010	288376	8062989	outcrop	-0.5	7	-0.001	-2	6	-1	8	-5	130	80	7
19011	288766	8061680	outcrop	-0.5	19	0.002	-2	3	2	5	13	5	20	6
19012	288888	8061776	outcrop	-0.5	19	0.001	-2	4	1	17	10	86	-10	6
19013	289036	8061782	subcrop	-0.5	20	0.003	-2	4	-1	2	-5	37800	350	5
19014	289087	8061824	float	0.7	44500	0.049	33	264	8	10	37	1490	150	6
19015	289109	8061947	float	0.7	1135	-0.001	36	54	-1	57	-5	483	270	53
19016	289090	8062002	proximal float	1.1	101	-0.001	-2	6	-1	84	-5	23900	70	32
19017	289064	8062069	mullock	2.2	261	0.001	6	24	-1	171	-5	5400	20	51
19018	289089	8062060	outcrop	18.9	4890	0.002	21	152	1	90	7	73	50	16
19019	289098	8062022	mullock	3.3	824	0.001	12	31	-1	269	-5	473	110	49
19020	289159	8061991	outcrop	11.9	13050	0.005	49	567	-1	80	33	3300	40	7
19021	289303	8061972	mullock	0.8	172	-0.001	-2	10	-1	25	-5	757	30	48
19022	289331	8061998	outcrop	1	248	-0.001	-2	65	1	22	-5	78	10	44
19023	289509	8062013	mullock	-0.5	355	0.003	-2	22	-1	41	-5	285	30	80
19024	289572	8062018	mullock	59.2	9720	0.004	253	1015	1	265	5	127	-10	3200
19025	289168	8062204	mullock	1.4	372	0.001	9	84	-1	773	-5	866	40	68
19026	289228	8062239	mullock	0.9	77	0.002	-2	8	-1	44	-5	5200	20	74
19027	289465	8062033	mullock	-0.5	508	0.003	-2	13	-1	39	-5	3330	20	73
19028	289550	8062018	mullock	0.6	85	0.001	-2	24	1	14	-5	82	-10	92
19029	289623	8062152	outcrop	-0.5	373	-0.001	-2	47	1	39	-5	169	10	20
19030	289601	8062114	float	37	51600	0.033	133	4620	5	258	12	232	40	272
19031	289579	8062084	outcrop	-0.5	185	0.002	-2	17	1	14	-5	2760	10	17
19032	289583	8062080	outcrop	-0.5	121	0.006	-2	10	-1	30	-5	26	-10	30
19033	289627	8061949	outcrop	-0.5	23	-0.001	-2	5	1	36	-5	13	10	111
19034	289668	8061977	subcrop	1.5	1710	0.001	8	164	1	41	-5	146	10	55
19035	289746	8061916	outcrop	5.7	35200	0.005	56	233	1	1540	26	210	110	42
19036	289759	8061836	sub crop	1	271	-0.001	3	22	-1	170	-5	625	20	96
19037	289710	8062001	outcrop	3.7	12400	0.001	3	109	2	251	-5	543	30	64
19038	289726	8062006	outcrop	-0.5	87	-0.001	-2	16	2	28	-5	18	10	299
19039	289739	8061977	outcrop	0.8	1860	0.001	3	64	-1	279	-5	140	30	35
19040	289778	8061936	outcrop	0.6	544	0.007	2	24	1	316	-5	616	10	131

Sample	Easting	Northing	Locality	Ag	As	Au	Bi	Cu	Mo	Pb	Sb	Sn	W	Zn
19041	289860	8061751	mullock	16.5	75700	0.001	99	536	1	1140	24	311	12000	70
19042	289913	8061604	sub-crop	5	626	0.002	14	46	-1	692	-5	371	60	69
19043	289258	8061120	outcrop	-0.5	181	-0.001	-2	32	-1	31	-5	78	20	51
19044	289217	8061113	mullock	-0.5	1285	0.002	4	253	1	633	-5	229	20	91
19045	289202	8061127	outcrop	1.7	1855	0.002	222	320	1	85	-5	8360	240	98
19046	289775	8061806	outcrop	-0.5	241	-0.001	5	30	-1	534	-5	3980	30	131
19047	289786	8061792	outcrop	1.6	379	0.001	10	20	-1	1060	-5	832	20	76
19048	289166	8061134	outcrop	-0.5	23	-0.001	2	6	-1	38	-5	15	10	43
19049	289147	8061142	outcrop	-0.5	101	-0.001	-2	27	1	26	-5	234	20	124
19050	289221	8061117	outcrop 10m undergroun d	0.6	20	0.001	-2	25	-1	7	-5	458	30	92
19051	289253	8061029	outcrop 20m undergroun d	27.2	85	0.003	6	6010	3	51	-5	433	10	348
19052	289262	8061043	mullock	97.9	21000	0.02	89	11000	5	21	-5	303	40	123
19053	289265	8060986	outcrop	0.8	122	0.002	2	49	-1	10	-5	2000	20	57
19054	289281	8060942	outcrop	-0.5	712	0.001	8	56	2	67	-5	350	20	44
19055	289292	8060911	outcrop	4.9	150	0.002	-2	186	1	42	-5	1165	20	82
19056	289397	8060994	outcrop	1.2	160	0.005	-2	60	-1	50	-5	81	10	39
19057	289325	8061098	outcrop	-0.5	37	-0.001	-2	24	-1	28	-5	49	-10	100
19058	289342	8061098	outcrop	1.3	150	0.012	3	26	1	266	-5	391	10	74
19059	289371	8061109	subcrop	-0.5	132	-0.001	5	21	1	52	-5	695	20	42
19060	289525	8061231	subcrop	-0.5	48	0.034	563	11	2	5	5	28	7560	9
19061	289548	8061186	subcrop	-0.5	118	-0.001	-2	28	1	13	-5	556	10	59
19062	289474	8061291	subcrop/c omp	4.5	859	0.017	332	37	1	16	-5	26600	4320	5
19063	289454	8061334	subcrop	1.1	46	0.039	1310	12	6	52	-5	89	16100	9
19064	289433	8061356	subcrop	0.8	15	0.05	831	14	5	9	-5	15	15600	5
19065	289270	8061600	outcrop	-0.5	115	0.001	55	10	-1	11	-5	96	180	28
19066	289346	8061617	outcrop	0.6	9210	0.007	188	32	2	79	5	249	70	39
19067	289440	8061665	outcrop	-0.5	130	0.001	2	5	1	10	-5	55	20	16
19068	289547	8061688	outcrop	-0.5	556	0.001	11	17	2	142	-5	1565	30	145
19069	289400	8061041	outcrop	-0.5	371	0.002	10	21	1	86	-5	836	30	51
19070	289438	8061037	outcrop	1	155	0.004	30	13	7	115	-5	428	20	55
19071	289490	8061042	outcrop	-0.5	8	-0.001	3	11	-1	29	-5	11	-10	63
19072	289608	8061087	outcrop	0.7	11	0.002	500	6	1	15	-5	-5	10	4
19073	289656	8061120	outcrop	-0.5	8	-0.001	4	4	1	23	-5	54	50	19
19074	289489	8061539	outcrop	-0.5	8	-0.001	-2	17	1	18	-5	50	10	81
19075	289003	8067531	mullock	1.2	35	0.012	92	3	-1	80	7	-5	152500	12
19076	289060	8067565	outcrop	-0.5	14	-0.001	-2	8	-1	75	-5	295	400	106
19077	289055	8067570	outcrop	-0.5	17	-0.001	-2	7	-1	7	-5	79	120	21
19078	288996	8067848	outcrop	-0.5	11	0.001	2	3	1	2	-5	43	1410	5

Sample	Easting	Northing	Locality	Ag	As	Au	Bi	Cu	Mo	Pb	Sb	Sn	W	Zn
19079	289005	8067851	outcrop	-0.5	80	-0.001	-2	3	1	9	-5	156	30	17
19080	288940	8067891	outcrop	-0.5	23	-0.001	-2	19	2	3	-5	197	40	19
19081	289294	8061566	outcrop	-0.5	12	-0.001	8	10	1	5	-5	122	40	28
19082	289152	8061700	outcrop	2.1	11700	0.016	100	47	20	27	-5	9050	20	5
19083	289063	8061643	proximal float	-0.5	143	-0.001	-2	7	1	7	-5	135	20	25
19084	289062	8061631	outcrop	-0.5	283	0.001	88	9	1	25	-5	106	90	49
19085	289146	8061557	outcrop	-0.5	40	-0.001	-2	3	-1	15	-5	27	10	31
19086	289083	8061519	outcrop	-0.5	6	-0.001	-2	3	-1	10	-5	7	-10	15
19087	288904	8067705	outcrop	-0.5	9	0.002	-2	189	4	28	-5	101	10	36
19088	288882	8067520	outcrop	-0.5	243	-0.001	-2	21	8	30	-5	409	20	29
19089	288883	8067508	outcrop	0.5	3250	0.037	-2	56	19	774	136	471	10	10
19090	290025	8059802	outcrop	-0.5	51	0.003	-2	5	3	61	-5	22	10	17
19091	290077	8059726	outcrop	-0.5	32	-0.001	-2	8	2	42	-5	24	-10	32
19092	289574	8059194	outcrop	-0.5	46	-0.001	2	7	-1	43	-5	24	10	27
19093	287566	8061327	mullock	0.5	25	0.064	-2	7	2	20	11	-5	-10	8
19094	287581	8061334	mullock	5.8	609	1.02	2	6	4	108	87	7	-10	43
19095	289090	8067587	outcrop	0.5	17	0.005	-2	39	-1	10	-5	32	-10	4
19096	289028	8067630	mullock	-0.5	16	-0.001	-2	2	-1	9	-5	162	10	25
19097	288986	8067475	outcrop	-0.5	42	0.001	9	49	-1	25	-5	239	20	69
19098	289007	8067446	mullock	-0.5	10	-0.001	-2	35	-1	38	-5	93	10	23
19099	288999	8067360	outcrop	0.5	439	0.001	6	91	1	65	-5	164	10	30
19100	288899	8067387	outcrop	-0.5	33	-0.001	-2	13	-1	7	-5	630	10	35
19101	288725	8067394	mullock	0.6	28	-0.001	2	19	-1	37	-5	548	10	48
19102	288768	8067395	outcrop	-0.5	13	0.007	5	26	-1	26	-5	93	10	15
19103	288779	8067379	outcrop	-0.5	194	0.003	-2	34	-1	104	-5	708	10	21
19104	288797	8067367	outcrop	0.5	4470	0.002	35	40	-1	39	5	6500	30	36
19105	288827	8067350	mullock	4.1	218	-0.001	3	37	-1	67	13	1245	20	22
19106	288852	8067457	outcrop	-0.5	55	-0.001	9	11	1	7	-5	215	10	34
19107	290052	8069764	outcrop	-0.5	57	-0.001	6	20	-1	4	-5	212	10	17
19108	290136	8069731	outcrop	0.5	7	-0.001	2	6	1	8	-5	152	-10	14
19109	290112	8069702	mullock	-0.5	43	0.004	2	12	5	5	-5	7860	30	13
19110	290114	8069650	outcrop	-0.5	6	-0.001	2	46	-1	5	-5	100	20	14
19111	290121	8069642	outcrop	-0.5	10	-0.001	11	71	1	22	7	8250	30	42
19113	287294	8063961	outcrop	-0.5	20	-0.001	-2	17	-1	25	-5	38	10	64
19114	287751	8064756	outcrop	-0.5	106	-0.001	4	21	-1	22	-5	451	10	44
19115	286971	8063520	outcrop	8.8	1690	-0.001	4	395	1	138	-5	84	-10	89
19116	289660	8060293	outcrop	-0.5	35	-0.001	2	8	1	25	-5	913	10	29
19117	287572	8061688	mullock composite	241	32100	3.39	22	1100	-1	82500	784	1030	80	678
19118	289121	8067125	outcrop	438	129	0.147	-2	81	101	1310	55	24	20900	887

Sample	Easting	Northing	Locality	Ag	As	Au	Bi	Cu	Mo	Pb	Sb	Sn	W	Zn
19119	289118	8067116	outcrop	31.3	89	0.025	-2	9	11	238	29	9	12300	20
19120	289113	8067105	outcrop	6.3	667	0.063	-2	25	3	1585	55	24	80	18
19121	289101	8067064	outcrop	4.8	23	0.019	7	38	8	50	23	53	270	14
19122	289094	8067046	outcrop	1.3	159	-0.001	4	103	1	18	-5	258	80	18
19123	289085	8066950	outcrop	-0.5	16	0.001	-2	5	-1	25	12	-5	10	2
19124	290758	8070009	mullok	2.2	259	0.025	3	8	-1	387	14	4880	40	73
19125	290750	8070026	mullock-composite	43.9	62	0.155	1045	17	14	492	38	2900	110	64
19126	290620	8070613	mullock	-0.5	29	-0.001	4	5	-1	18	-5	130	20	60
19127	290775	8070607	outcrop	1.8	27	0.004	26	13	-1	136	-5	39	-10	13
19128	290923	8070572	outcrop	3.7	1410	0.015	4	97	5	532	7	78	70	492
19129	291050	8070506	outcrop	-0.5	104	0.005	6	7	-1	16	6	138	10	85
19130	290681	8069630	mullock	-0.5	27	0.009	5	6	-1	12	-5	54	-10	65
19131	299596	8056986	outcrop	-0.5	156	0.007	62	302	26	130	-5	157	100	41
19132	299597	8056990	subcrop	-0.5	25	0.006	11	17	2	12	-5	34	-10	27
19133	299633	8056984	mullock	-0.5	5	0.001	-2	5	-1	52	-5	57	-10	139
19134	300540	8055802	mullock	46.8	2890	0.003	27	9970	-1	4660	25	70	-10	3810
19135	290849	8070532	mullock heap	-0.5	57	0.005	-2	6	-1	75	10	148	10	98
19136	290435	8070180	outcrop	0.6	26	-0.001	4	3	-1	740	-5	157	20	80
19137	290345	8070256	outcrop	-0.5	183	0.003	-2	2	-1	16	-5	126	10	82
19138	290284	8070461	outcrop	0.5	36	-0.001	5	17	-1	475	-5	16	10	235
19139	290237	8070563	outcrop	-0.5	20	-0.001	-2	12	2	20	-5	14600	50	451
19140	300538	8055798	mullock	20	2910	0.001	10	7330	1	1395	37	35	20	5870
19141	300521	8055808	subcrop	69.4	10050	0.012	64	9940	1	13400	76	48	40	6180
19142	300470	8055821	sub crop	5.5	220	0.013	6	1650	9	357	23	6	30	5270
19143	300465	8055823	outcrop	107	1270	0.01	7	4140	1	574	63	19	10	1400
19144	300453	8055830	outcrop	19.1	4090	0.003	35	920	-1	1820	39	11	10	701
19145	300456	8055835	subcrop	7	2760	0.004	11	1510	3	518	46	10	20	5560
19146	300391	8055835	outcrop	0.6	100	-0.001	-2	92	-1	918	6	24	20	2320
19147	300361	8055838	sub crop	3.6	1710	-0.001	-2	550	4	130	34	36	10	1275
19148	300342	8055823	sub crop	70.3	8500	0.009	23	1775	1	65500	170	70	-10	31500
19149	300321	8055824	outcrop	10.3	59	0.007	4	3560	-1	831	25	50	-10	15000
19150	300301	8055832	outcrop	55.9	3100	0.005	84	4320	5	5430	103	255	-10	50100
19151	300684	8055047	prox flt	16.8	408	0.008	13	174	3	803	41	525	-10	710
19152	300891	8054973	mullock	874	8140	0.055	2	1015	-1	81800	6190	740	60	452
19153	300895	8054968	mullock	775	2990	0.014	5	4540	2	305000	4970	744	220	592
19154	300975	8054917	mullock	378	6560	0.061	7	1280	1	33800	5250	1135	50	238
19155	300966	8054925	mullock	35.1	8820	0.042	5	324	29	7350	714	288	-10	13200
19156	300972	8054924	mullock	49.7	1465	0.02	828	621	3	14900	217	911	-10	13000
19169	290062	8062103	subcrop	0.5	-5	0.005	-2	8	1	156	-5	982	10	321
19170	290351	8062071	outcrop	2.9	70100	0.005	40	584	5	5060	53	320	80	120

Sample	Easting	Northing	Locality	Ag	As	Au	Bi	Cu	Mo	Pb	Sb	Sn	W	Zn
19171	290590	8062275	subcrop	-0.5	213	-0.001	-2	5	1	36	-5	130	30	20
19172	290560	8062441	outcrop	-0.5	31	-0.001	-2	3	1	10	-5	218	20	26
19173	290793	8062511	outcrop	-0.5	254	-0.001	-2	6	1	19	-5	126	10	20
19174	291271	8062503	outcrop	0.5	16	-0.001	-2	6	-1	42	-5	120	10	63
19175	288339	8064749	subcrop	-0.5	13	-0.001	2	13	1	14	-5	395	-10	33
19176	288633	8064591	outcrop	-0.5	127	-0.001	2	17	1	79	-5	285	10	24
19177	288721	8064651	subcrop	0.6	325	0.001	-2	26	1	294	-5	579	10	37
19178	289066	8064737	outcrop	1.3	420	-0.001	-2	26	2	35	-5	116	10	18
19179	289169	8064665	outcrop	-0.5	242	0.001	-2	16	28	24	7	133	10	19
19180	289444	8064354	mullock	-0.5	15	-0.001	-2	7	4	7	-5	23700	50	7
19181	289787	8064380	outcrop	1.1	115	-0.001	-2	38	2	28	-5	168	10	23
19182	289966	8064359	subcrop	-0.5	347	0.002	-2	23	2	519	11	310	10	101
19183	290574	8064368	subcrop	-0.5	91	-0.001	11	21	1	24	-5	264	10	46
19184	290530	8064264		1.7	757	0.001	14	170	2	57	-5	136	130	33
19185	289306	8066944		-0.5	561	0.002	2	91	1	39	-5	437	20	52
19186	289437	8067051		-0.5	29	0.001	-2	6	2	10	37	11	-10	3
19187	291145	8067251		-0.5	17	-0.001	6	11	2	6	-5	294	10	25
19188	291016	8067079		-0.5	65	-0.001	-2	9	17	10	-5	24900	400	40
19189	290876	8066895		4	439	-0.001	4	39	2	354	18	145	20	23
19190	290343	8066468	mullock	-0.5	91	-0.001	-2	23	1	40	-5	440	20	25
19191	289300	8067085	outcrop	0.9	7	-0.001	-2	3	-1	17	5	190	10	24
19192	292115	8068660	subcrop	-0.5	11	-0.001	-2	10	1	5	-5	164	10	25
19193	292174	8068766		-0.5	105	0.002	61	137	3	14	6	77	180	18
19194	289662	8060499	outcrop	-0.5	37	0.002	-2	10	3	7	-5	34	-10	8
19195	289790	8060597	outcrop	2.4	669	0.02	2	136	5	38	8	105	-10	15
19196	289899	8060578	outcrop	14.6	22700	0.115	229	727	20	8	9	244	90	2
19197	290004	8060638	outcrop	-0.5	89	0.001	-2	4	3	11	-5	63	-10	13
19198	290140	8060650	outcrop	-0.5	17	0.009	-2	5	5	11	9	15	4670	6
19199	290527	8061212	outcrop	9.9	3800	0.001	8	127	7	5920	9	301	760	90
19200	289664	8060341	outcrop	12.3	319	0.002	97	38	81	344	-5	238	20	47
19701	284213	8058937	outcrop	1.8	394	0.001	4	25	2	331	-5	351	20	101
19702	285387	8060342	subcrop	0.9	33	-0.001	149	10	2	30	-5	28	60	23
19703	285187	8060737	subcrop	-0.5	9	0.002	86	17	2	15	-5	37	320	27
19704	285736	8060323	outcrop	-0.5	8	-0.001	-2	24	1	18	-5	67	20	137
19705	286377	8061021	outcrop	-0.5	-5	-0.001	-2	5	-1	8	-5	7	10	46
19706	287997	8061961	subcrop	-0.5	87	-0.001	-2	6	-1	37	-5	560	20	53
19707	288344	8061752	subcrop	0.5	309	-0.001	-2	32	3	47	-5	1500	40	103
19708	289537	8060441	subcrop	0.6	21	-0.001	2	6	-1	75	-5	639	10	36
19709	289507	8060436	outcrop	-0.5	-5	-0.001	-2	6	-1	17	-5	7	-10	30

Sample	Easting	Northing	Locality	Ag	As	Au	Bi	Cu	Mo	Pb	Sb	Sn	W	Zn
19710	289476	8060439	outcrop	-0.5	6	0.001	-2	10	1	19	-5	547	20	34
19711	289129	8060519	outcrop	-0.5	10	0.003	-2	8	-1	43	11	13	-10	20
19712	289002	8061360	subcrop	-0.5	657	0.001	-2	20	2	41	-5	535	20	80
19713	290346	8059649	outcrop	-0.5	-5	0.001	-2	3	1	50	-5	12	-10	9
19714	290390	8059809	sub-outcrop	-0.5	36	0.004	216	28	3	45	-5	122	10	37
19715	290622	8059849	subcrop	-0.5	-5	0.001	2	1	6	9	-5	40	-10	21
19716	291195	8060013	subcrop	-0.5	14	0.001	-2	4	1	21	-5	12	-10	6
19717	290350	8059633	subcrop/ mulloc	-0.5	42	0.002	31	10	10	75	-5	1110	220	11
19718	288536	8062857	s/ocr	-0.5	576	0.005	6	54	6	169	11	817	50	119
19719	288866	8062870	subcrop	0.7	846	0.001	18	20	76	166	-5	173	40	41
19720	288899	8062881	subcrop	-0.5	774	0.001	4	9	14	182	-5	5070	10	19
19721	289167	8062872	subcrop	1.7	3470	0.002	322	141	4	713	5	238	20	28
19722	289312	8062944	outcrop	69.6	136000	0.23	883	6900	21	769	95	9960	200	11
19723	289690	8063101	outcrop	11	3350	0.005	156	271	1	5370	-5	478	40	48
19724	284219	8058956	Subcrop	3.1	783	0.001	12	21	1	567	-5	378	10	63
19725	284195	8058951	Float	-0.5	87	-0.001	6	7	1	22	-5	128	-10	12
25849	290925	8061686	outcrop	1.5	807	0.002	-2	122	10	393	53	314	30	87
25850	290907	8061647	working outcrop	1.4	520	0.002	8	27	1	121	5	205	20	26
25851	290994	8061617	outcrop	-0.5	108	0.002	3	21	1	49	-5	111	10	56
25852	290875	8061749	outcrop	-0.5	2350	-0.001	-2	17	-1	2240	7	258	40	251
25853	290778	8061594	outcrop	-0.5	912	0.001	2	66	1	128	7	368	40	25
25854	287246	8061647	outcrop	-0.5	20	0.001	14	4	-1	116	7	37	-10	13
25855	287374	8061411	outcrop	-0.5	7	0.003	19	2	2	22	-5	63	-10	23
25856	287524	8061375	outcrop	-0.5	19	0.003	2	4	1	185	-5	9	-10	37
25857	287575	8061329	working face	-0.5	793	0.099	-2	28	20	247	17	10	20	294
25858	287574	8061708	working outcrop	32.2	4440	0.548	122	182	2	8660	156	122	10	364
25859	288299	8063253	outcrop	-0.5	411	0.003	76	11	6	280	7	86	10	38
25860	288094	8063229	outcrop	-0.5	404	0.002	39	20	2	153	-5	191	10	45
25861	287965	8063209	outcrop	-0.5	352	0.002	5	25	2	30	-5	849	10	66
25863	287919	8063226	subcrop	-0.5	48	0.001	12	5	6	12	-5	245	30	24
25864	288084	8063229	outcrop	-0.5	7	0.002	-2	17	7	98	-5	156	10	290
25951	291708	8069735	outcrop	-0.5	101	0.003	3	8	-1	63	17	54700	230	149
25952	291698	8069729	outcrop	-0.5	47	0.001	5	4	1	25	7	3060	100	152
25953	291461	8069797	proximal mullock heap	-0.5	97	0.002	-2	3	-1	19	5	191	10	42
25954	291463	8069816	outcrop	-0.5	35	-0.001	2	1	-1	10	6	163	-10	40
25955	291663	8069702	outcrop	2.7	467	0.02	6	32	1	803	11	51	30	193
25956	291835	8069474	outcrop	-0.5	29	-0.001	4	20	-1	1140	-5	610	10	312
25957	291910	8069319	outcrop	-0.5	122	-0.001	5	80	-1	532	-5	148	20	38
25958	292012	8069228	subcrop	-0.5	11	-0.001	2	42	-1	93	-5	181	-10	101
25959	292520	8069235	outcrop	1.2	8010	0.01	-2	67	2	7960	135	246	50	315

Sample	Easting	Northing	Locality	Ag	As	Au	Bi	Cu	Mo	Pb	Sb	Sn	W	Zn
25960	292297	8069579	outcrop	-0.5	59	-0.001	3	3	-1	52	-5	132	-10	37
25961	291030	8069832	outcrop	-0.5	37	-0.001	4	11	2	70	5	128	80	378
25962	291064	8069829	outcrop	1.8	81	0.007	221	3	2	12	7	202	190	297
25962	287912	8063225	outcrop	-0.5	111	0.004	30	26	29	65	-5	296	10	52
25963	290018	8069545		-0.5	8	-0.001	4	21	-1	10	-5	20	-10	23
25964	290015	8069484		-0.5	35	-0.001	2	9	1	25	-5	18	-10	8
25965	290156	8069432		-0.5	17	-0.001	2	17	-1	21	-5	22	-10	11
25966	290176	8069460		-0.5	571	-0.001	5	28	1	36	12	149	20	29
25967	290240	8069447		-0.5	1700	0.001	6	54	2	14	8	50	30	25
25968	290314	8069482		-0.5	108	-0.001	-2	6	-1	11	-5	337	40	29
25969	290076	8067644	subcrop	-0.5	1045	-0.001	22	168	17	277	22	462	30	68
25970	290125	8067697	subcrop	-0.5	136	0.002	-2	19	-1	31	-5	2260	30	65
25971	290280	8067694	mullock	-0.5	292	0.001	13	86	1	18	5	1655	130	40
25972	290178	8066367	subcrop	-0.5	76	-0.001	3	43	1	20	6	207	10	37
25973	290076	8066561	subcrop	-0.5	32	-0.001	2	12	-1	40	-5	17400	40	62
25974	290048	8066629	outcrop	-0.5	15	-0.001	-2	13	-1	159	-5	811	30	1070
25975	290000	8066618	subcrop	2.3	1235	0.001	30	27	-1	35	-5	70	160	13
25976	289384	8066003	subcrop/?mullock	-0.5	5	0.001	2	9	-1	10	-5	21600	60	625
25977	289365	8066032	subcrop	-0.5	466	0.008	9	33	2	25	9	1555	20	118
25978	289408	8066107	subcrop	-0.5	47	-0.001	-2	28	1	12	-5	258	-10	37
25979	289413	8066112	subcrop	-0.5	47	-0.001	-2	11	5	8	-5	520	-10	26
25980	288520	8062696	subcrop	-0.5	67	-0.001	12	14	2	14	-5	283	30	20
25981	288253	8062540	subcrop	23.8	95900	0.01	318	720	-1	7900	281	404	670	74
25982	288790	8062241	subcrop	-0.5	395	-0.001	3	7	-1	39	-5	434	20	75
25983	288807	8062552	subcrop	10.2	291	0.001	8	25	-1	110	-5	1380	20	50
25984	288840	8062566	subcrop	32.9	1500	0.001	16	76	-1	391	6	304	20	29
25985	288842	8062568	subcrop	14.3	2080	0.004	73	164	1	616	9	521	20	39
25986	288897	8062376	subcrop	-0.5	22	-0.001	2	6	-1	8	-5	542	40	70
25987	288896	8062371	subcrop	-0.5	407	0.001	-2	14	-1	43	-5	1735	20	29
26601	289942	8069362	outcrop	-0.5	20	0.002	3	3	4	7	-5	45	810	5
26602	289934	8069104	subcrop	1	117	0.002	4	21	-1	6	-5	686	50	17
26603	289985	8069137	outcrop	-0.5	59	-0.001	-2	3	-1	9	-5	62	10	8
26604	290080	8069274	outcrop	-0.5	30	0.002	12	69	1	8	-5	189	80	71
26605	290061	8069291	subcrop	57.7	62	2.91	25000	18	2	15	8	2240	51200	222
26606	290066	8069210	outcrop	-0.5	250	0.038	120	26	1	21	-5	183	100	15
26607	290096	8069168	outcrop	-0.5	17	0.027	27	6	19	7	-5	55	10600	10
26608	290155	8069452	subcrop	-0.5	12	0.009	19	6	7	5	-5	56	260	9
26609	289996	8069436	outcrop	-0.5	14	0.001	11	8	-1	6	-5	214	10	6
26610	290041	8069957	outcrop	-0.5	9	0.001	4	6	1	11	-5	162	10	32
26611	290223	8070029	mullock heap	50	21400	0.026	242	649	-1	39600	52	2740	300	268

Sample	Easting	Northing	Locality	Ag	As	Au	Bi	Cu	Mo	Pb	Sb	Sn	W	Zn
26612	290238	8070020	outcrop	2.9	5640	0.006	9	68	-1	757	12	262	20	134
26613	290003	8067635	outcrop	0.6	700	0.001	2	68	-1	37	10	159	60	39
26614	290044	8067773	subcrop	-0.5	136	0.004	6	8	-1	27	-5	2120	10	23
26615	290011	8067812	outcrop	-0.5	130	0.018	4	61	-1	13	-5	579	40	64
26616	290071	8068049	outcrop	-0.5	62	0.003	2	2	-1	13	-5	279	40	32
26617	290201	8068182	outcrop	-0.5	368	-0.001	6	17	-1	150	-5	1200	10	77
26618	290379	8067961	outcrop	0.5	99	-0.001	3	5	3	65	-5	276	10	9
26619	290409	8067945	subcrop	1.3	197	-0.001	6	19	9	232	-5	330	10	10
26620	289392	8067032	outcrop	-0.5	23	0.001	-2	1	-1	8	10	19	-10	4
26621	289398	8067049	outcrop	-0.5	77	0.047	-2	5	3	36	63	25	-10	5
26622	289470	8067018	outcrop	-0.5	46	0.001	2	4	5	10	47	6	-10	4
26623	289474	8067009	outcrop	-0.5	19	-0.001	3	1	-1	9	-5	251	10	38
26624	289440	8066944	outcrop	5.1	182	0.012	6	28	-1	183	16	28	-10	12
26625	289445	8066929	outcrop	-0.5	90	0.002	-2	4	3	13	-5	472	20	27
26626	289475	8066872	subcrop	1.4	126	0.015	-2	3	10	17	41	62	-10	14
26627	289731	8066890	outcrop	-0.5	1180	-0.001	2	99	3	27	7	1115	20	140
26628	289547	8067040	outcrop	3.8	323	-0.001	3	45	3	150	5	496	10	21
26629	289566	8066998	outcrop	-0.5	9	-0.001	-2	2	3	8	26	16	-10	5
26630	288480	8063284	outcrop	0.9	466	-0.001	-2	31	-1	106	-5	209	10	112
26631	289853	8066485	outcrop	-0.5	30	-0.001	-2	11	1	6	6	172	-10	28
26632	289694	8066724	outcrop	-0.5	45	-0.001	-2	8	-1	52	-5	99	-10	15
26633	289709	8066720	subcrop	-0.5	22	-0.001	2	7	2	17	6	628	10	50
26635	289767	8066730	mullock heap	-0.5	77	0.001	-2	13	1	26	-5	741	10	55
26635	290117	8066753	outcrop	-0.5	15	-0.001	-2	15	-1	8	-5	186	10	192
26636	290344	8066754	outcrop	-0.5	100	-0.001	2	58	2	11	-5	511	-10	62
26637	290271	8066709	subcrop	44.6	13450	0.012	655	325	329	11100	20	599	70	41
26638	290047	8066636	outcrop	0.5	49	0.002	2	5	2	45	-5	272	20	45
26639	289467	8065826	outcrop	-0.5	69	-0.001	5	14	4	20	-5	64	-10	19
26640	289464	8065825	outcrop	-0.5	125	-0.001	3	17	7	58	5	298	-10	32
26641	289433	8065873	outcrop	-0.5	42	-0.001	-2	10	1	7	-5	125	-10	23
26642	289394	8065928	outcrop	-0.5	60800	0.002	50	197	3	597	19	277	70	70
26643	289302	8066050	outcrop	-0.5	319	-0.001	2	39	2	16	-5	45	-10	24
26644	289300	8066052	outcrop	-0.5	184	-0.001	-2	54	1	15	-5	174	10	31
26645	289254	8065953	subcrop	-0.5	295	0.001	-2	18	2	20	-5	508	10	47
26646	289174	8066285	outcrop	-0.5	49	-0.001	4	12	1	18	-5	44	-10	8
26647	288221	8063302	subcrop	-0.5	166	-0.001	2	7	1	100	-5	377	10	38
26648	288147	8063308	subcrop	-0.5	82	0.001	8	13	2	10	-5	155	30	39
26649	287669	8063481	subcrop	1.3	702	-0.001	87	29	78	210	-5	599	30	42
26650	287742	8063653	outcrop	-0.5	49	-0.001	-2	3	4	8	11	-5	-10	3

Sample	Easting	Northing	Locality	Ag	As	Au	Bi	Cu	Mo	Pb	Sb	Sn	W	Zn
26651	287805	8063711	subcrop	-0.5	85	-0.001	-2	17	3	31	-5	31700	1110	44
26652	288001	8063788	subcrop	-0.5	89	0.001	6	30	1	12	-5	1205	10	45
26653	288100	8063641	subcrop	0.5	167	0.014	530	5	9	39	-5	117	20	18
26654	288474	8063282	outcrop	0.9	451	-0.001	6	60	-1	25	-5	311	10	81
26655	288854	8063368	outcrop	-0.5	215	0.001	6	54	1	45	-5	852	10	31
26656	288989	8063467	subcrop	114	150000	0.091	7840	888	8	2040	182	10900	330	32
26657	288984	8063464	subcrop	1	24200	0.001	133	103	2	89	13	271	15200	43
26658	288992	8063458	outcrop	47.1	150000	0.216	3210	214	78	450	152	7170	370	27
26659	289062	8063229	outcrop	30.5	41100	0.108	2930	75	12	1970	49	1845	92400	9
26660	288254	8063042	mullock heap	-0.5	383	-0.001	9	7	-1	178	-5	8160	230	58
26661	288038	8063032	subcrop	2.3	1130	0.005	113	1	18	19	-5	59	140	5
26662	288037	8063093	subcrop	-0.5	634	0.002	40	7	13	27	-5	144	1020	31
26663	288038	8063074	subcrop	-0.5	91	0.04	551	3	109	104	-5	53	690	8
26664	288148	8063220	subcrop	-0.5	153	-0.001	8	18	1	24	-5	173	10	38
26665	288482	8061929	subcrop	0.6	6750	0.004	10	127	5	41	7	181	10	7
26666	288770	8062011	subcrop	6.9	2420	0.002	93	835	2	167	-5	25	10	13
26667	289514	8062399	outcrop	0.8	755	-0.001	6	133	1	52	-5	145	10	25
26668	291295	8062030	subcrop	-0.5	136	-0.001	3	12	-1	27	-5	270	90	23
26669	291293	8062012	subcrop	0.9	257	-0.001	33	17	1	122	-5	87	1150	26
26670	291284	8062019	subcrop	-0.5	169	0.001	-2	7	1	12	-5	38	10	5
26671	291302	8062041	subcrop	0.9	33400	0.002	13	145	1	54	52	294	5840	17
26672	291177	8062266	subcrop	-0.5	160	-0.001	-2	5	-1	28	-5	1380	40	21
26673	291229	8062664	outcrop	34.5	150000	0.277	366	1860	2	456	564	152	170	9
26674	291068	8062729	shaft outcrop	-0.5	560	0.001	2	16	-1	26	-5	228	20	37
26675	291094	8062793	working outcrop	-0.5	177	-0.001	-2	9	1	47	-5	761	20	24
26676	289186	8065104	outcrop	-0.5	1110	0.001	3	11	1	186	-5	76	-10	22
26677	289216	8065337	outcrop	-0.5	80	-0.001	-2	3	-1	39	-5	10900	30	265
26678	289215	8065339	mullock heap	-0.5	61	-0.001	-2	4	-1	34	-5	11900	20	52
26679	289234	8065356	subcrop	-0.5	77	-0.001	-2	4	1	20	-5	14	-10	12
26680	289198	8064157	subcrop	-0.5	88	-0.001	-2	8	1	26	8	208	-10	48
26681	289330	8063954	subcrop	-0.5	25	0.001	-2	4	-1	5	-5	292	10	39
26682	289446	8063620	subcrop	-0.5	402	-0.001	-2	19	1	305	-5	3540	20	46
26683	289431	8063565	subcrop	-0.5	103	-0.001	2	15	-1	21	-5	682	10	36
26684	289656	8063349	subcrop	-0.5	25	-0.001	46	18	3	41	-5	43	12200	5
832982	290095	8061266	subcrop	0.7	7110	0.004	8	2	3	97	5	2570	260	63
832983	290122	8061239	outcrop	7.8	6810	0.007	-2	70	1	14900	24	1440	50	376
832984	290130	8061233	outcrop	45.5	205	0.01	3	24	2	31600	45	58	50	247
832985	290762	8061138	outcrop	2.6	26	0.003	-2	8	7	569	-5	154	10	406
832986	290212	8061019	outcrop	-0.5	26	0.087	3	3	2	185	-5	33	-10	53

Sample	Easting	Northing	Locality	Ag	As	Au	Bi	Cu	Mo	Pb	Sb	Sn	W	Zn
832987	290538	8061054	outcrop	-0.5	69	0.021	-2	3	4	42	14	27	30	8
832988	290519	8061325	outcrop	0.9	89	0.002	-2	20	-1	376	-5	234	10	40
832989	290463	8061597	outcrop	3.5	-5	0.004	5	193	-1	2320	-5	397	50	596
832990	290484	8061614	outcrop	2	41	0.001	2	79	-1	353	8	191	10	1110
832991	290490	8061981	outcrop	2.4	10800	0.004	29	146	-1	248	6	35	180	37
832992	290760	8061741	outcrop	-0.5	140	0.001	2	24	1	44	6	-5	-10	107

Attachment 2

Hole	Easting	Northing	RL	Az	Dip	Depth (m)
BARC07-01	288465.2	8063248	834	60	-55	84
BARC07-02	288758.5	8062507	794	45	-50	126
BARC07-03	289265.1	8061925	735	35	-50	150
BARC07-04	288242.9	8063027	857	60	-55	96
BARD07-05	289046	8062091	760	142	-50	150
BARC07-06	289209.5	8061055	741	70	-60	72

Table 2 – Boulder-Ahmets Sn Prospect Drillhole Collar Details

HoleID	From (m)	To (m)	Ag ppm	Cu ppm	In ppm	Pb ppm	Zn ppm	Sn %	Interval
BARC07-01	39	64	3.93	371	5.90	729	2391	0.15	25
BARC07-01	70	72	0.25	33	3.09	19	1132	0.13	2
BARC07-02	44	47	0.32	18	0.61	59	226	1.22	3
BARC07-03	82	86	0.65	71	1.18	76	112	0.11	4
BARC07-03	99	133	1.52	343	3.25	42	263	0.26	34
BARC07-04	29	53	3.83	559	2.48	316	261	0.14	24
BARD07-05	12	116	2.96	371	11.33	327	1501	0.21	104
BARC07-06	39	42	0.47	161	4.48	70	634	0.24	3

Table 3 – Detailed intersections (Downhole length, true width not known)

Attachment 3

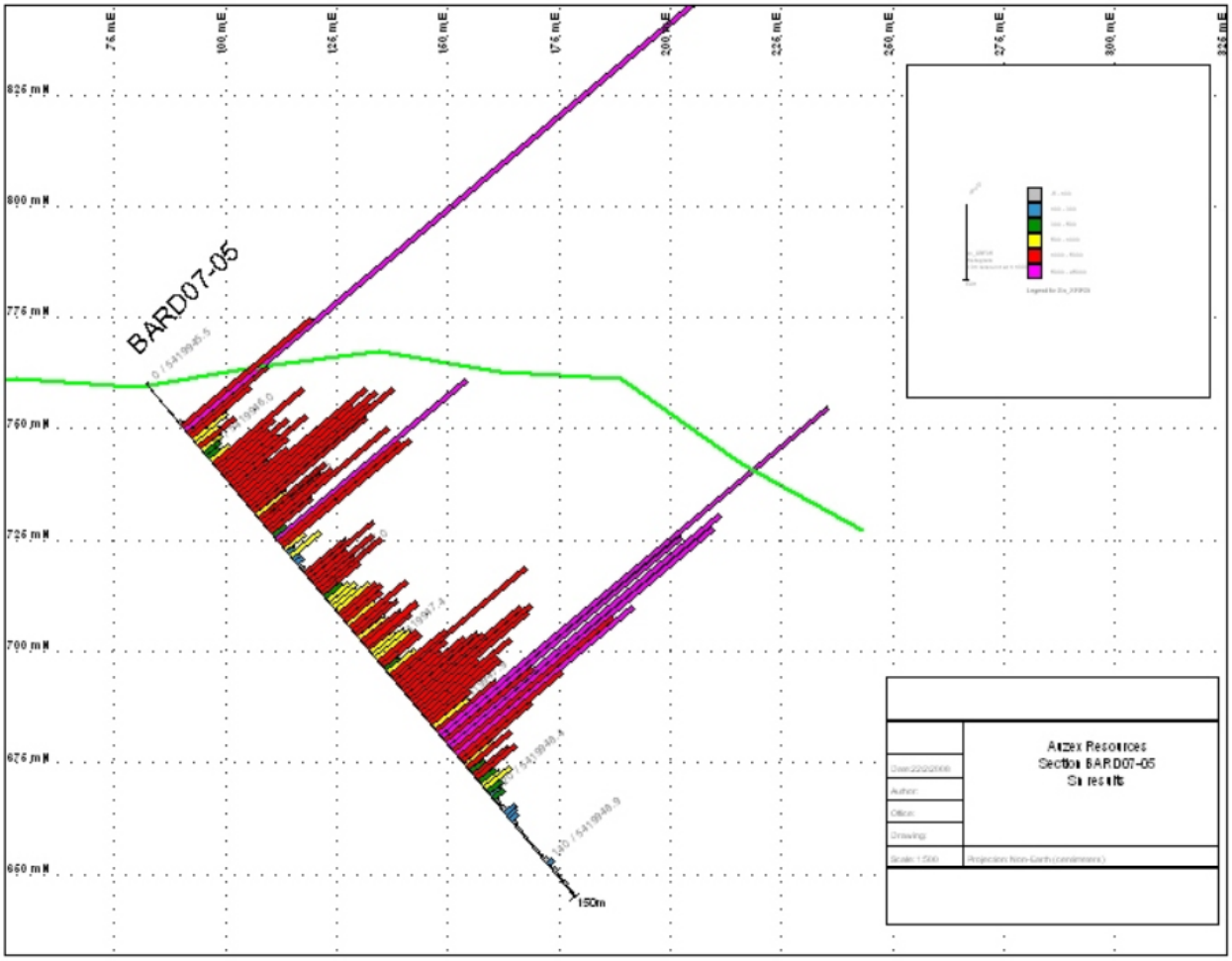

Figure 2 – Cross section of significant intercept in BARD07-05 with 104m at 0.21% Sn from 12m. (Downhole length, true width not known)

Attachment 4

JORC CODE, 2012 EDITION – TABLE 1 REPORT

Section 1 Sampling Techniques and Data
(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	• This announcement refers to exploration conducted by previous holders of the mining and exploration rights for the area within the granted EPM's outlined in this announcement. • 360 Rock chip and mullock samples are individual rock chips and mullock samples collected from sites within the tenements and sent to external laboratories including ALS Townsville, Perth and Brisbane for analysis of Au, Ag, As, Bi, Mo, Sb, Sn and W by industry standard techniques including AuAA21, ME-MS62s and XRF005. • Drilling sampled at 1m intervals for 384 RC chip samples and 144 core samples. Samples were submitted to ALS Townsville and Brisbane and assayed for Au by AuAA21, Ag, As, Bi, Cu, In, Pb and Zn by ME-MS62s and Mo and Sn by XRF005. • 20,537 individual soil geochemistry samples taken across all thenement areas covering approximately 170km2.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• This announcement refers to exploration conducted by previous holders of the mining and exploration rights for the area within the granted EPM's outlined in this announcement. • Drilling used Downer EDI UDR650 track mounted RC drill rig and 4 7/8 inch hammer. • Six drill holes; 5 RC and 1 combined RC/HQ/NQ core hole with 5.8m RC pre-collar and 144.2m diamond core split between 71.4m HQ and 72.8m NQ.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.*	• This announcement refers to exploration conducted by previous holders of the mining

Criteria	JORC Code explanation	Commentary
	• *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	and exploration rights for the area within the granted EPM's outlined in this announcement. Methods of recording and assessing core and chip sample recovery, measurements taken to maximise sample recovery and weather a relationship exists between sample recovery and grade and not know by the company.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• This announcement refers to exploration conducted by previous holders of the mining and exploration rights for the area within the granted EPM's outlined in this announcement. The presence of any sample photography is not known by the company. • No mineral resource estimation has been included in this announcement. • All RC chips and drill cores have been geologically logged by on site geologist at 1m intervals. • Geology logs include rock description, alteration summary, colour, oxidation, lithology, grainsize and texture.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• This announcement refers to exploration conducted by previous holders of the mining and exploration rights for the area within the granted EPM's outlined in this announcement. Sub-sampling techniques and sample preparation are not know by the company.
Quality of assay data and	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered*	• This announcement refers to exploration conducted by previous holders of the mining and exploration rights for the area within the

Criteria	JORC Code explanation	Commentary
laboratory tests	*partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	granted EPM's outlined in this announcement. • All samples were sent to ALS Townsville, Brisbane or Perth and assayed using standard analysis and quality control techniques used by ALS including AuAA21, ME-MS62s and XRF005.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• This announcement refers to exploration conducted by previous holders of the mining and exploration rights for the area within the granted EPM's outlined in this announcement. • The company has not sought to confirm significant intersections by either independent or alternate company personnel • No holes were twinned • All logging has been carried out using standardized codes to professional standards. All geological and sampling information has been entered into digital formats for validation. • No adjustments have been made to assay data.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• This announcement refers to exploration conducted by previous holders of the mining and exploration rights for the area within the granted EPM's outlined in this announcement. No mineral resources estimation has been included in this announcement. The specification of the grid system and the quality and adequacy of topographic control is not know to the company.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of*	• This announcement refers to exploration conducted by previous holders of the mining and exploration rights for the area within the granted EPM's outlined in this

Criteria	JORC Code explanation	Commentary
	geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. • *Whether sample compositing has been applied.*	announcement. Sample compositing outside of the 1m interval sampling is not know to the company. • Drilling was only undertaken at specified locations previously identified.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• This announcement refers to exploration conducted by previous holders of the mining and exploration rights for the area within the granted EPM's outlined in this announcement. Any bias or unbias resulting from orientation of drilling to targeted structures is not know to the company. • Holes BARC07-01,03 and 04 targeted outcropping greisen. Holes BARC07-02 and 06 were targeted under historic Adelaide workings. Hole BARC07-05 targeted a NW trending lenticular greisen.
Sample security	• *The measures taken to ensure sample security.*	• This announcement refers to exploration conducted by previous holders of the mining and exploration rights for the area within the granted EPM's outlined in this announcement. Sample security measures are not know to the company.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• This announcement refers to exploration conducted by previous holders of the mining and exploration rights for the area within the granted EPM's outlined in this announcement. Results from audits and reviews of sampling techniques and data are not know to the company.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known*	• EPM14797, EPM19112, EPM19113, EPM19114 and EPM19203 are 100% owned by Jervois Mining Limited (ASX:JRV). 100% ownership of all tenements to be transferred to Jadar Resources (ASX:JDR) upon completion of the SPA as outlined in this announcement.

Criteria	JORC Code explanation	Commentary
	impediments to obtaining a licence to operate in the area.	
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• The announcement refers to exploration conducted by previous holders Auzex Resources (ASX:AZX delisted)
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The dominant geology is Late Carboniferous-Early Permian felsic intrusive granites. Mineral occurrences associated with these intrusions contain a wide range of metals that include Au, Mo, Sn, W, Cu and Bi. Tin has been mined in the Merberton-Mt Garnet district since the 1880's.
Drill hole Information	• • *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* ○ *easting and northing of the drill hole collar* ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* ○ *dip and azimuth of the hole* ○ *down hole length and interception depth* ○ *hole length.* • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	• Refer to main body of this announcement
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should*	• Detailed intersections were derived using a 0.08% Sn cut off with a minimum width of 2m and internal dilution of 4m.

Criteria	JORC Code explanation	Commentary
	be stated and some typical examples of such aggregations should be shown in detail. • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• Down hole length, true width not know.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• Refer to main body of this announcement.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• No material information has been omitted that JDR is aware of.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• Metallurgical testwork completed by previous owners, on a composite core sample from BARC07-05 for Sn recovery. 71% total Sn was recovered using gravity and flotation.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of*	• Further field work and drilling is planned for the tenement areas .

Criteria	JORC Code explanation	Commentary
	possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	