AVZ Minerals Limited

18 June 2018

AVZ hits 263.24M* @ 1.52% lithium

HIGHLIGHTS

- **Drill-hole MO18DD010 intersects 263.24m* @ 1.52% Li_2O and 950 ppm Sn at the Roche Dure pegmatite.**
- **Drill-hole MO18DD011 intersects 248.22m* @ 1.72% Li_2O and 685 ppm Sn at the Roche Dure pegmatite.**
- **MO18DD010 and MO18DD011 were drilled approximately 50m either side of previously reported hole MO18DD006 on section line 6900mN, confirming the consistency of mineralisation within the Roche Dure pegmatite.**
- **The intersections achieved on section 6900mN are very similar to those achieved on section 7000mN (reported previously), supporting the potential definition of a high-grade Mineral Resource.**
- **Maiden Mineral Resource Estimate expected to be complete in July.**

AVZ's Managing Director, Nigel Ferguson, commented: "*These ongoing mineral resource drilling results demonstrate the consistency in width through this zone at Roche Dure and the high-grade nature of lithium mineralisation and associated tin grades. We are committed to completing initial drilling on the Roche Dure pegmatite to allow a maiden Mineral Resource, compliant with 2012 JORC code, to be calculated in July.*"

* Down-hole length. Additional drilling is required to confirm the true thickness of the pegmatites.

AVZ Minerals Limited (ASX: AVZ) is pleased to provide an update on exploration of the Manono Lithium Project in the Democratic Republic of Congo, including progress of the initial 20,000m resource drilling program.

AVZ drilled holes MO18DD010 and MO18DD011 on section line 6900mN (Figure 1), the same section as the previously reported MO18DD006. Details of drill-hole locations are given in Appendix 1.

AVZ Minerals Limited ABN 81 125 176 703
Level 2, Suite 9, 389 Oxford Street, Mt Hawthorn, WA, 6016 T + 61 8 9380 6789 F + 61 8 9380 6761
E: admin@avzminerals.com.au W: **www.avzminerals.com.au**

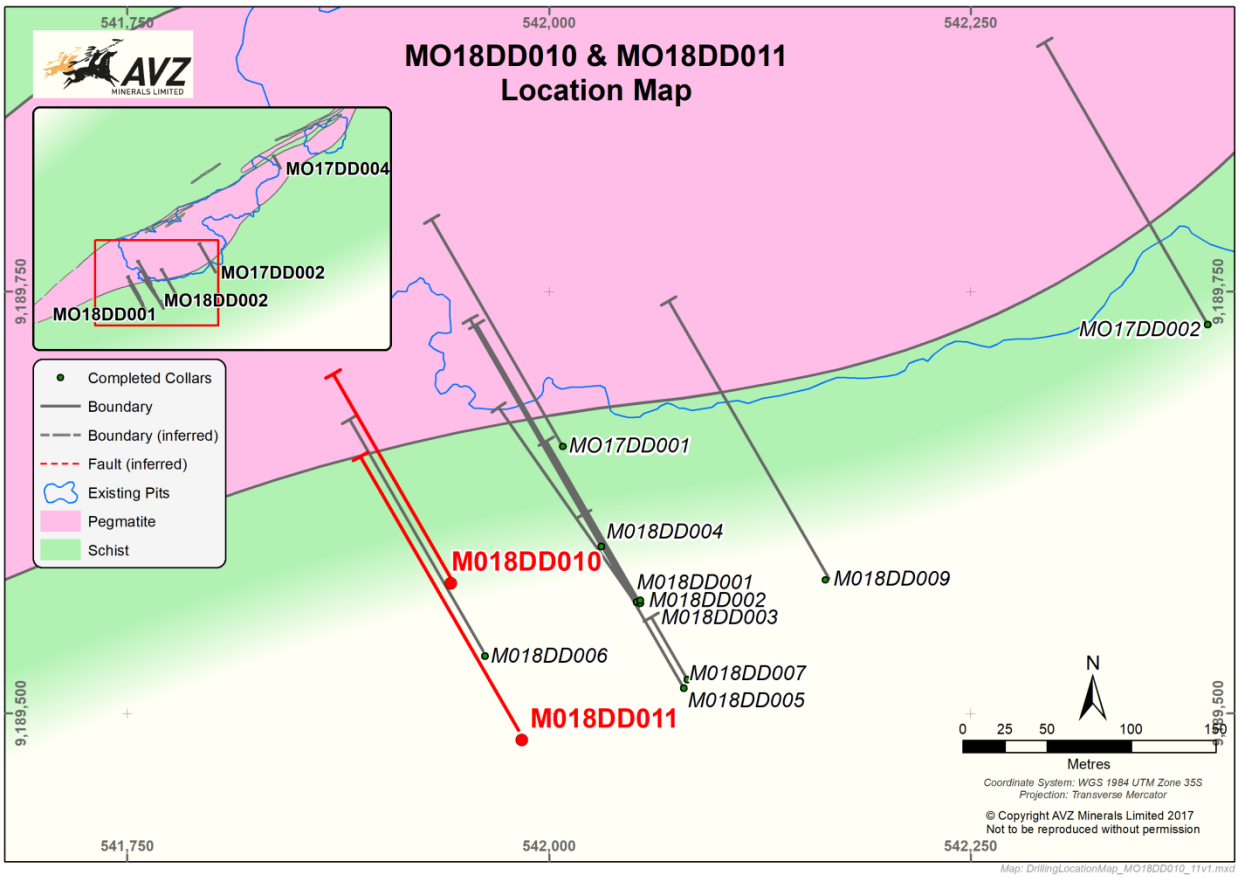

Figure 1: Location of drill-holes MO18DD010 and MO18DD011.

The intersections achieved by MO18DD010 and MO18DD011 are similar to those achieved by previously reported MO18DD006 (Table 1 and Figure 2) and provide confirmation of continuity of mineralisation through to section 7000mN.

Table 1: Intersections achieved on section 6900mN.

Section	Drill-hole	Intersection of the Roche Dure pegmatite
6900mN	MO18DD006	From 76.81m to 361.28m: **284.47m* @ 1.52% Li2O and 846 ppm Sn**
6900mN	MO18DD010	From 52.22m to 315.71m: **263.49m* @ 1.52% Li2O and 950 ppm Sn**
6900mN	MO18DD011	From 144.05m to 392.27m: **248.22m* @ 1.72% Li2O and 685 ppm Sn**

* Down-hole length. Additional drilling is required to confirm the true thickness of the pegmatites.

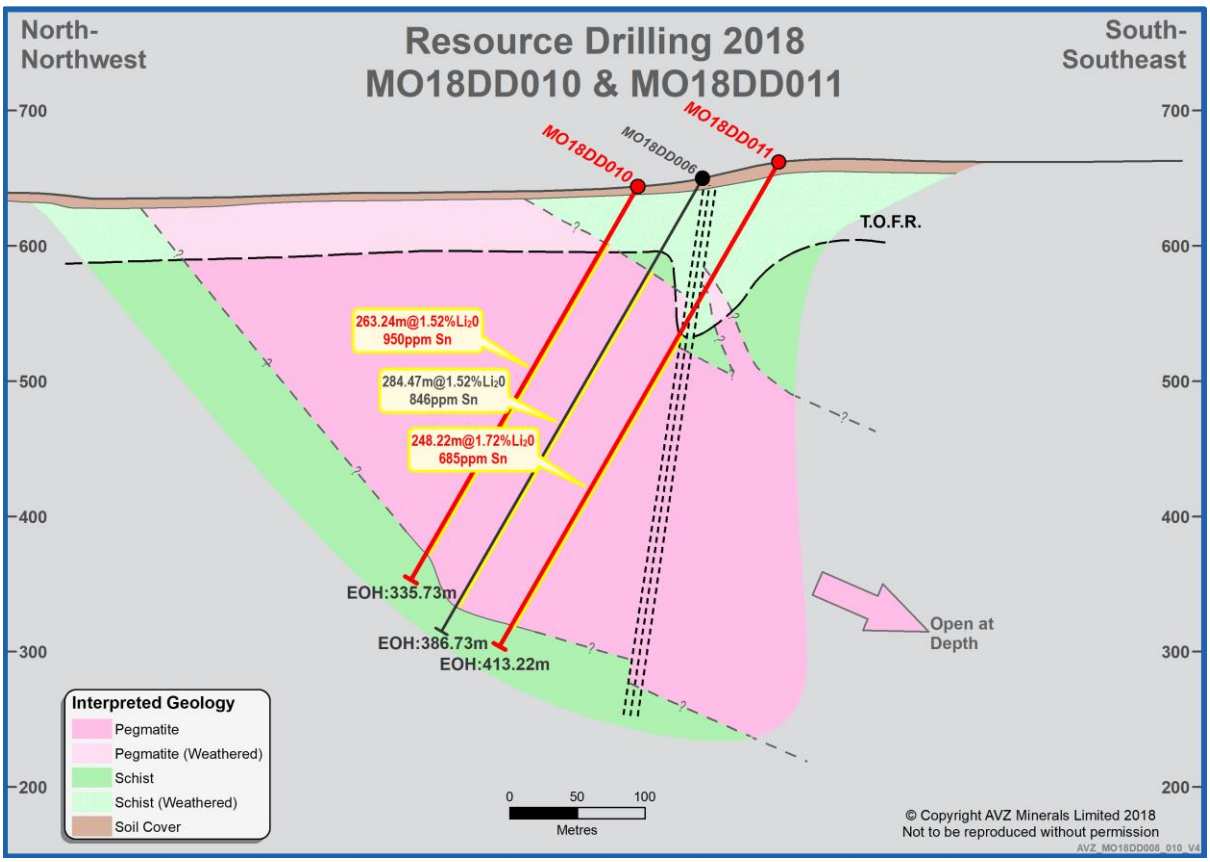

Figure 2: Cross-section along section 6900mN showing drill-holes MO18DD010, MO18DD011 and MO18DD006 (previously reported).

* Down-hole length. Additional drilling is required to confirm the true-thickness of the pegmatites.

Note that the displayed orientation of drill-holes in both Figures 1 and 2 is schematic; there was some lifting of the holes and minor deviation of the drill-hole towards the north (see Appendix 2) and this has increased the distance of the path of drill-holes through the pegmatite.

The Roche Dure pegmatite appears to be affected by a sub-vertical fault zone, as intersected by holes MO18DD011 (line 6900mN) and MO18DD007 (line 7000mN), suggesting an apparent east-west strike orientation. Drill holes on sections 6800mN through to 6600mN are expected to intersect this fault zone. This may be significant in that the dip of the pegmatite may flatten south of the fault zone, increasing the potential volume of rock able to be exploited. Further drilling is required for this interpretation to be confirmed and this is ongoing.

As stated in the ASX release dated 30 May 2018, drilling is progressing well, with about 60% of the planned drilling completed. All bottlenecks for assay flow have now been remedied and further assay results are anticipated soon. The market will be kept up-to-date as soon as results have been interpreted and validated.

For further information, visit www.avzminerals.com.au or contact:

Mr Klaus Eckhof
Executive Chairman
AVZ Minerals Limited
Phone: +377 680 866 300
Email: klauseckhof@monaco.mc

Mr Nigel Ferguson
Managing Director
AVZ Minerals Limited
Phone: +61 8 9380 6789
Email: nferguson@avzminerals.com.au

Competent Persons Statement

The information in this report that relates to mineral composition investigations is based on information compiled by Mr Peter Spitalny, a Competent Person whom is a Member of the Australasian Institute of Mining and Metallurgy. Mr Spitalny is a full-time employee of Hanree Holdings Pty Ltd. Mr Spitalny has sufficient experience that is relevant to the style of mineralisation 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'. Mr Spitalny consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Appendix One – Collar table for MO18DD010 – MO18DD011

Drill-hole ID	Drilling method	Section Line	Easting (mE)	Northing (mN)	Elevation (m)	Datum	Zone	Dip [degrees]	Azimuth (Magnetic) [degrees]	EOH (m)
MO18DD010	DDH	6900mN	541942	9189577	647	WGS 84	35 M	-60	330	335.73
MO18DD011	DDH	6900mN	541984	9189484	661	WGS 84	35 M	-60	330	413.22

Appendix Two – Down-hole Survey Table for MO18DD010 and MO18DD011

Drill-hole I.D.	Depth (m)	Inclination (degrees)	Azimuth (degrees)
MO18DD010	0	-60	330
MO18DD010	72	-61	327
MO18DD010	102	-60	327
MO18DD010	132	-59	328
MO18DD010	162	-59	328
MO18DD010	192	-58	329
MO18DD010	222	-57	329
MO18DD010	252	-56	335
MO18DD010	282	-55	329
MO18DD010	312	-54	329
MO18DD010	336	-54	340
MO18DD011	0	-60	325
MO18DD011	30	-60	322
MO18DD011	60	-60	323
MO18DD011	90	-60	322
MO18DD011	120	-60	322
MO18DD011	150	-59	324
MO18DD011	180	-58	325
MO18DD011	210	-58	325
MO18DD011	242	-57	326
MO18DD011	270	-56	326
MO18DD011	302	-54	328
MO18DD011	332	-53	327
MO18DD011	362	-52	327
MO18DD011	392	-51	328
MO18DD011	410	-50	349

Appendix Three – Assay Results MO18DD010 – MO18DD011, Li_2O (%) and Sn (ppm)

Hole_ID	From (m)	To (m)	Lithology	Sample ID	Li_2O (%)	Sn (ppm)
MO18DD010	0	50.22	N/A			NSS
MO18DD010	50.22	51.6	mica schist	45101	0.2160	57.0000
MO18DD010	51.6	51.8	N/A; lost core			N/A
MO18DD010	51.8	52.22	mica schist	45102	0.1390	102.0000
MO18DD010	52.22	53	weathered pegmatite	45103	0.0600	472.0000
MO18DD010	53	54	weathered pegmatite	45104	0.1040	758.0000
MO18DD010	54	55	weathered pegmatite	45105	0.1310	1480.0000
MO18DD010	55	56.05	weathered pegmatite	45106	0.4450	455.0000
MO18DD010	56.05	56.3	N/A; lost core			
MO18DD010	56.3	57	weathered pegmatite	45107	1.2150	221.0000
MO18DD010	57	58	weathered pegmatite	45108	0.3850	836.0000
MO18DD010	58	59	pegmatite	45109	1.9350	292.0000
MO18DD010	59	60	pegmatite	45111	2.4700	327.0000
MO18DD010	60	61	pegmatite	45112	0.9460	1470.0000
MO18DD010	61	62	pegmatite	45113	0.3640	587.0000
MO18DD010	62	62.8	pegmatite	45114	2.7200	223.0000
MO18DD010	62.8	64	pegmatite	45116	0.5980	226.0000
MO18DD010	64	65	pegmatite	45117	0.4390	251.0000
MO18DD010	65	66	pegmatite	45118	4.4700	212.0000
MO18DD010	66	67	pegmatite	45119	2.2000	2320.0000
MO18DD010	67	68	pegmatite	45120	0.9770	584.0000
MO18DD010	68	69	pegmatite	45121	0.4200	689.0000
MO18DD010	69	70	pegmatite	45122	1.3150	943.0000
MO18DD010	70	71	pegmatite	45123	1.6100	198.0000
MO18DD010	71	72	pegmatite	45124	2.5600	285.0000
MO18DD010	72	73	pegmatite	45126	1.5350	420.0000
MO18DD010	73	74	pegmatite	45127	2.4800	408.0000
MO18DD010	74	75	pegmatite	45128	4.9000	541.0000
MO18DD010	75	76	pegmatite	45129	1.4850	251.0000
MO18DD010	76	77	pegmatite	45130	2.0900	1470.0000
MO18DD010	77	78	pegmatite	45132	1.1450	559.0000
MO18DD010	78	79	pegmatite	45133	1.5750	441.0000
MO18DD010	79	80	pegmatite	45134	1.3700	214.0000
MO18DD010	80	81	pegmatite	45135	3.3300	252.0000
MO18DD010	81	82	pegmatite	45137	0.4000	87.0000
MO18DD010	82	83	pegmatite	45138	1.9900	189.0000
MO18DD010	83	84	pegmatite	45139	2.3400	182.0000
MO18DD010	84	85	pegmatite	45140	2.2300	181.0000
MO18DD010	85	86	pegmatite	45141	0.3490	128.0000
MO18DD010	86	87	pegmatite	45142	0.2630	107.0000
MO18DD010	87	88	pegmatite	45143	1.6450	1230.0000
MO18DD010	88	89	pegmatite	45144	0.6420	635.0000
MO18DD010	89	90	pegmatite	45145	1.1350	1090.0000
MO18DD010	90	91	pegmatite	45146	1.3700	1080.0000
MO18DD010	91	92	pegmatite	45147	1.2250	655.0000
MO18DD010	92	93	pegmatite	45148	0.8890	556.0000
MO18DD010	93	94	pegmatite	45149	1.6400	535.0000
MO18DD010	94	95	pegmatite	45151	1.7050	838.0000
MO18DD010	95	96	pegmatite	45152	0.5340	696.0000
MO18DD010	96	97	pegmatite	45153	0.9790	1140.0000
MO18DD010	97	98	pegmatite	45154	1.3000	1140.0000
MO18DD010	98	99	pegmatite	45156	1.8350	2680.0000
MO18DD010	99	100	pegmatite	45157	2.6600	482.0000
MO18DD010	100	101	pegmatite	45158	0.2200	956.0000
MO18DD010	101	102	pegmatite	45159	1.0600	1210.0000
MO18DD010	102	103	pegmatite	45160	0.1740	781.0000
MO18DD010	103	104	pegmatite	45161	0.2090	1410.0000

Appendix Three – Assay Results MO18DD010 – MO18DD011, Li_2O (%) and Sn (ppm)

Hole_ID	From (m)	To (m)	Lithology	Sample ID	Li_2O (%)	Sn (ppm)
MO18DD010	104	105	pegmatite	45162	0.6540	1200.0000
MO18DD010	105	106	pegmatite	45163	1.4550	1080.0000
MO18DD010	106	107	pegmatite	45164	0.9170	1040.0000
MO18DD010	107	108	pegmatite	45166	1.1400	878.0000
MO18DD010	108	109	pegmatite	45167	0.7530	1100.0000
MO18DD010	109	110	pegmatite	45168	1.6900	949.0000
MO18DD010	110	111	pegmatite	45169	1.2850	801.0000
MO18DD010	111	112	pegmatite	45170	2.1800	877.0000
MO18DD010	112	113	pegmatite	45172	1.0450	1010.0000
MO18DD010	113	114	pegmatite	45173	1.8650	653.0000
MO18DD010	114	115	pegmatite	45174	1.6350	1160.0000
MO18DD010	115	116	pegmatite	45175	1.6100	1180.0000
MO18DD010	116	117	pegmatite	45176	0.9750	1040.0000
MO18DD010	117	118	pegmatite	45178	0.5770	536.0000
MO18DD010	118	119	pegmatite	45179	1.0950	782.0000
MO18DD010	119	120	pegmatite	45180	1.3650	1140.0000
MO18DD010	120	121	pegmatite	45181	0.5350	2670.0000
MO18DD010	121	122	pegmatite	45182	0.4520	671.0000
MO18DD010	122	123	pegmatite	45183	0.0670	657.0000
MO18DD010	123	124	pegmatite	45184	0.5890	877.0000
MO18DD010	124	125	pegmatite	45185	1.6850	1750.0000
MO18DD010	125	126	pegmatite	45186	1.5800	819.0000
MO18DD010	126	127	pegmatite	45187	2.2700	747.0000
MO18DD010	127	128	pegmatite	45188	1.8150	1190.0000
MO18DD010	128	129	pegmatite	45189	1.1350	826.0000
MO18DD010	129	130	pegmatite	45190	1.9350	983.0000
MO18DD010	130	131	pegmatite	45192	3.9700	331.0000
MO18DD010	131	132	pegmatite	45193	1.1900	203.0000
MO18DD010	132	133	pegmatite	45194	0.6840	408.0000
MO18DD010	133	134	pegmatite	45195	1.2250	505.0000
MO18DD010	134	135	pegmatite	45196	2.9400	432.0000
MO18DD010	135	136	pegmatite	45198	0.6580	1040.0000
MO18DD010	136	137	pegmatite	45199	1.2900	264.0000
MO18DD010	137	138	pegmatite	45200	3.6600	334.0000
MO18DD010	138	139	pegmatite	45201	1.2850	502.0000
MO18DD010	139	140	pegmatite	45202	1.5850	556.0000
MO18DD010	140	141	pegmatite	45203	0.1250	368.0000
MO18DD010	141	142	pegmatite	45204	0.1180	782.0000
MO18DD010	142	143	pegmatite	45205	0.3870	641.0000
MO18DD010	143	144	pegmatite	45206	0.4610	477.0000
MO18DD010	144	145	pegmatite	45208	1.5500	143.0000
MO18DD010	145	146	pegmatite	45209	1.1950	661.0000
MO18DD010	146	147	pegmatite	45210	2.4800	681.0000
MO18DD010	147	148	pegmatite	45211	0.9640	937.0000
MO18DD010	148	149	pegmatite	45213	1.3800	260.0000
MO18DD010	149	150	pegmatite	45214	3.3300	441.0000
MO18DD010	150	151	pegmatite	45215	1.6400	492.0000
MO18DD010	151	152	pegmatite	45216	3.3900	449.0000
MO18DD010	152	153	pegmatite	45217	1.7300	672.0000
MO18DD010	153	154	pegmatite	45219	1.2250	1050.0000
MO18DD010	154	155	pegmatite	45220	3.2900	1280.0000
MO18DD010	155	156	pegmatite	45221	2.1800	673.0000
MO18DD010	156	157	pegmatite	45222	0.9840	1170.0000
MO18DD010	157	158	pegmatite	45223	0.5940	1060.0000
MO18DD010	158	159	pegmatite	45224	1.6950	1180.0000
MO18DD010	159	160	pegmatite	45225	1.6050	874.0000
MO18DD010	160	161	pegmatite	45226	2.1500	950.0000
MO18DD010	161	162	pegmatite	45227	1.8300	699.0000
MO18DD010	162	163	pegmatite	45229	0.6030	1570.0000
MO18DD010	163	164	pegmatite	45230	1.6750	1210.0000
MO18DD010	164	165	pegmatite	45231	0.8610	1420.0000

Appendix Three – Assay Results MO18DD010 – MO18DD011, Li_2O (%) and Sn (ppm)

Hole_ID	From (m)	To (m)	Lithology	Sample ID	Li_2O (%)	Sn (ppm)
MO18DD010	165	166	pegmatite	45232	1.3350	1070.0000
MO18DD010	166	167	pegmatite	45234	2.6200	653.0000
MO18DD010	167	168	pegmatite	45235	0.9040	3030.0000
MO18DD010	168	169	pegmatite	45236	1.0850	853.0000
MO18DD010	169	170	pegmatite	45237	0.6800	1340.0000
MO18DD010	170	171	pegmatite	45238	2.2400	833.0000
MO18DD010	171	172	pegmatite	45239	1.1600	645.0000
MO18DD010	172	173	pegmatite	45240	1.7100	737.0000
MO18DD010	173	174	pegmatite	45241	1.4650	262.0000
MO18DD010	174	175	pegmatite	45242	2.2000	741.0000
MO18DD010	175	176	pegmatite	45243	1.7500	997.0000
MO18DD010	176	177	pegmatite	45244	2.0900	819.0000
MO18DD010	177	178	pegmatite	45245	1.8450	1020.0000
MO18DD010	178	179	pegmatite	45246	2.5300	745.0000
MO18DD010	179	180	pegmatite	45247	2.2100	860.0000
MO18DD010	180	181	pegmatite	45249	2.2000	581.0000
MO18DD010	181	182	pegmatite	45250	1.3800	400.0000
MO18DD010	182	183	pegmatite	45251	1.5750	1290.0000
MO18DD010	183	184	pegmatite	45252	1.2650	2030.0000
MO18DD010	184	185	pegmatite	45254	2.7800	480.0000
MO18DD010	185	186	pegmatite	45255	2.7200	1700.0000
MO18DD010	186	187	pegmatite	45256	0.2430	917.0000
MO18DD010	187	188	pegmatite	45257	1.7050	842.0000
MO18DD010	188	189	pegmatite	45259	1.2050	1470.0000
MO18DD010	189	190	pegmatite	45260	1.1000	2130.0000
MO18DD010	190	191	pegmatite	45261	1.0250	2810.0000
MO18DD010	191	192	pegmatite	45262	1.1800	614.0000
MO18DD010	192	193	pegmatite	45263	0.4110	1470.0000
MO18DD010	193	194	pegmatite	45264	0.9710	1850.0000
MO18DD010	194	195	pegmatite	45265	2.2000	622.0000
MO18DD010	195	196	pegmatite	45266	1.1900	496.0000
MO18DD010	196	197	pegmatite	45267	1.7100	240.0000
MO18DD010	197	198	pegmatite	45269	1.3000	563.0000
MO18DD010	198	199	pegmatite	45270	2.4200	1130.0000
MO18DD010	199	200	pegmatite	45271	1.5250	3520.0000
MO18DD010	200	201	pegmatite	45272	2.1600	992.0000
MO18DD010	201	202	pegmatite	45274	1.3750	2550.0000
MO18DD010	202	203	pegmatite	45275	1.9100	1590.0000
MO18DD010	203	204	pegmatite	45276	1.2050	1780.0000
MO18DD010	204	205	pegmatite	45277	0.4430	1060.0000
MO18DD010	205	206	pegmatite	45278	0.0750	2910.0000
MO18DD010	206	207	pegmatite	45279	0.0650	1010.0000
MO18DD010	207	208	pegmatite	45280	0.0430	313.0000
MO18DD010	208	209	pegmatite	45281	0.0950	196.0000
MO18DD010	209	210	pegmatite	45282	1.7100	1260.0000
MO18DD010	210	211	pegmatite	45283	2.4500	3120.0000
MO18DD010	211	212	pegmatite	45284	0.9580	2710.0000
MO18DD010	212	213	pegmatite	45285	0.5040	1770.0000
MO18DD010	213	214	pegmatite	45286	0.8240	689.0000
MO18DD010	214	215	pegmatite	45287	1.1700	239.0000
MO18DD010	215	216	pegmatite	45289	1.0050	1430.0000
MO18DD010	216	217	pegmatite	45290	0.1400	1350.0000
MO18DD010	217	218	pegmatite	45291	0.5470	1160.0000
MO18DD010	218	219	pegmatite	45292	1.8600	629.0000
MO18DD010	219	220	pegmatite	45294	1.9250	1120.0000
MO18DD010	220	221	pegmatite	45295	2.3200	678.0000
MO18DD010	221	222	pegmatite	45296	2.8100	580.0000
MO18DD010	222	223	pegmatite	45297	1.9800	809.0000
MO18DD010	223	224	pegmatite	45299	0.9060	934.0000
MO18DD010	224	225	pegmatite	45300	1.9950	1010.0000
MO18DD010	225	226	pegmatite	45301	2.5800	781.0000

Appendix Three – Assay Results MO18DD010 – MO18DD011, Li_2O (%) and Sn (ppm)

Hole_ID	From (m)	To (m)	Lithology	Sample ID	Li_2O (%)	Sn (ppm)
MO18DD010	226	227	pegmatite	45302	2.7000	2120.0000
MO18DD010	227	228	pegmatite	45303	1.0650	421.0000
MO18DD010	228	229	pegmatite	45304	0.8610	257.0000
MO18DD010	229	230	pegmatite	45305	1.3000	239.0000
MO18DD010	230	231	pegmatite	45306	1.7900	746.0000
MO18DD010	231	232	pegmatite	45307	1.9750	1010.0000
MO18DD010	232	233	pegmatite	45308	2.8100	503.0000
MO18DD010	233	234	pegmatite	45309	1.6600	1040.0000
MO18DD010	234	235	pegmatite	45310	1.8600	1470.0000
MO18DD010	235	236	pegmatite	45311	1.6400	570.0000
MO18DD010	236	237	pegmatite	45312	1.4050	1210.0000
MO18DD010	237	238	pegmatite	45314	2.1800	603.0000
MO18DD010	238	239	pegmatite	45315	2.1100	7090.0000
MO18DD010	239	240	pegmatite	45316	2.6200	409.0000
MO18DD010	240	241	pegmatite	45317	1.6150	454.0000
MO18DD010	241	242	pegmatite	45319	2.3500	898.0000
MO18DD010	242	243	pegmatite	45320	1.8350	444.0000
MO18DD010	243	244	pegmatite	45321	1.2550	1620.0000
MO18DD010	244	245	pegmatite	45322	2.1800	857.0000
MO18DD010	245	246	pegmatite	45323	1.7600	777.0000
MO18DD010	246	247	pegmatite	45324	0.2580	434.0000
MO18DD010	247	248	pegmatite	45325	2.0400	203.0000
MO18DD010	248	249	pegmatite	45326	2.2600	192.0000
MO18DD010	249	250	pegmatite	45327	3.0500	320.0000
MO18DD010	250	251	pegmatite	45329	1.4400	163.0000
MO18DD010	251	252	pegmatite	45330	2.6800	174.0000
MO18DD010	252	253	pegmatite	45331	1.3650	225.0000
MO18DD010	253	254	pegmatite	45332	1.0350	94.0000
MO18DD010	254	255	pegmatite	45334	3.3700	369.0000
MO18DD010	255	256	pegmatite	45335	3.6400	194.0000
MO18DD010	256	257	pegmatite	45336	2.2100	103.0000
MO18DD010	257	258	pegmatite	45337	0.3570	302.0000
MO18DD010	258	259	pegmatite	45339	1.2650	608.0000
MO18DD010	259	260	pegmatite	45340	0.3720	2330.0000
MO18DD010	260	261	pegmatite	45341	1.4600	734.0000
MO18DD010	261	262	pegmatite	45342	2.2900	1020.0000
MO18DD010	262	263	pegmatite	45343	1.7100	642.0000
MO18DD010	263	264	pegmatite	45344	1.9200	671.0000
MO18DD010	264	265	pegmatite	45345	2.0300	1200.0000
MO18DD010	265	266	pegmatite	45346	1.4000	1230.0000
MO18DD010	266	267	pegmatite	45347	1.6900	5450.0000
MO18DD010	267	268	pegmatite	45348	2.5500	2600.0000
MO18DD010	268	269	pegmatite	45349	2.0400	161.0000
MO18DD010	269	270	pegmatite	45350	2.3800	809.0000
MO18DD010	270	271	pegmatite	45351	1.2150	1070.0000
MO18DD010	271	272	pegmatite	45352	1.2900	1080.0000
MO18DD010	272	273	pegmatite	45354	0.5620	1530.0000
MO18DD010	273	274	pegmatite	45355	1.5850	2000.0000
MO18DD010	274	275	pegmatite	45356	1.2550	752.0000
MO18DD010	275	276	pegmatite	45357	1.4500	760.0000
MO18DD010	276	277	pegmatite	45359	1.2900	526.0000
MO18DD010	277	278	pegmatite	45360	1.1150	349.0000
MO18DD010	278	279	pegmatite	45361	1.2650	1240.0000
MO18DD010	279	280	pegmatite	45362	1.5350	705.0000
MO18DD010	280	281	pegmatite	45363	1.6200	896.0000
MO18DD010	281	282	pegmatite	45364	1.1900	3690.0000
MO18DD010	282	283	pegmatite	45365	1.7150	944.0000
MO18DD010	283	284	pegmatite	45366	1.0700	337.0000
MO18DD010	284	285	pegmatite	45367	2.2300	1480.0000
MO18DD010	285	286	pegmatite	45369	1.4650	1030.0000
MO18DD010	286	287	pegmatite	45370	1.8350	1420.0000

Appendix Three – Assay Results MO18DD010 – MO18DD011, Li_2O (%) and Sn (ppm)

Hole_ID	From (m)	To (m)	Lithology	Sample ID	Li_2O (%)	Sn (ppm)
MO18DD010	287	288	pegmatite	45371	1.8200	967.0000
MO18DD010	288	289	pegmatite	45372	2.6000	1190.0000
MO18DD010	289	290	pegmatite	45374	2.1500	861.0000
MO18DD010	290	291	pegmatite	45375	2.2700	1030.0000
MO18DD010	291	292	pegmatite	45376	1.1850	1760.0000
MO18DD010	292	293	pegmatite	45377	2.3800	914.0000
MO18DD010	293	294	pegmatite	45379	2.5500	714.0000
MO18DD010	294	295	pegmatite	45380	2.1500	1930.0000
MO18DD010	295	296	pegmatite	45381	2.3000	1050.0000
MO18DD010	296	297	pegmatite	45382	2.8500	858.0000
MO18DD010	297	298	pegmatite	45383	1.9950	1200.0000
MO18DD010	298	299	pegmatite	45384	2.7600	546.0000
MO18DD010	299	300	pegmatite	45385	0.8400	810.0000
MO18DD010	300	301	pegmatite	45386	0.8960	786.0000
MO18DD010	301	302	pegmatite	45387	1.6450	1230.0000
MO18DD010	302	303	pegmatite	45388	1.9950	784.0000
MO18DD010	303	304	pegmatite	45389	2.6900	886.0000
MO18DD010	304	305	pegmatite	45390	0.8960	1340.0000
MO18DD010	305	306	pegmatite	45391	1.3150	1340.0000
MO18DD010	306	307	pegmatite	45392	1.4300	1140.0000
MO18DD010	307	308	pegmatite	45394	3.0200	1370.0000
MO18DD010	308	309	pegmatite	45395	1.7750	1730.0000
MO18DD010	309	310	pegmatite	45396	1.3100	171.0000
MO18DD010	310	311	pegmatite	45397	2.1200	320.0000
MO18DD010	311	312	pegmatite	45399	0.5580	1610.0000
MO18DD010	312	313	pegmatite	45400	0.0840	496.0000
MO18DD010	313	314	pegmatite	45401	0.0410	310.0000
MO18DD010	314	315	pegmatite	45402	0.0410	1420.0000
MO18DD010	315	315.71	pegmatite	45403	0.0730	452.0000
MO18DD011	0	97.3	N/A	N/A		
MO18DD011	97.3	98.3	mica schist	35001	0.2170	56.0000
MO18DD011	98.3	99.3	mica schist	35002	0.2450	112.0000
MO18DD011	99.3	100	weathered pegmatite	35003	0.0370	65.0000
MO18DD011	100	101	weathered pegmatite	35004	0.1010	104.0000
MO18DD011	101	102	weathered pegmatite	35005	0.1530	2450.0000
MO18DD011	102	103	weathered pegmatite	35006	0.0430	337.0000
MO18DD011	103	104.08	weathered pegmatite	35007	0.0710	286.0000
MO18DD011	104.08	105.08	mica schist	35008	0.3960	138.0000
MO18DD011	105.08	106.08	mica schist	35009	0.3960	82.0000
MO18DD011	106.08	142.05	N/A	N/A		
MO18DD011	142.05	143.05	mica schist	35011	0.4180	187.0000
MO18DD011	143.05	144.05	mica schist	35012	0.5060	228.0000
MO18DD011	144.05	145	pegmatite	35013	0.1420	197.0000
MO18DD011	145	146	pegmatite	35014	0.2500	179.0000
MO18DD011	146	147	pegmatite	35016	0.4890	264.0000
MO18DD011	147	148	pegmatite	35017	0.4690	267.0000
MO18DD011	148	149	pegmatite	35018	0.4540	209.0000
MO18DD011	149	150	pegmatite	35019	0.4650	252.0000
MO18DD011	150	151	pegmatite	35020	0.3250	463.0000
MO18DD011	151	152	pegmatite	35021	0.9710	505.0000
MO18DD011	152	153	pegmatite	35022	0.9840	240.0000
MO18DD011	153	154	pegmatite	35023	2.3200	1800.0000
MO18DD011	154	155	pegmatite	35024	1.5300	283.0000
MO18DD011	155	156	pegmatite	35026	1.4500	308.0000
MO18DD011	156	157	pegmatite	35027	2.2200	841.0000
MO18DD011	157	158	pegmatite	35028	1.0600	832.0000
MO18DD011	158	159	pegmatite	35029	0.8680	556.0000

Appendix Three – Assay Results MO18DD010 – MO18DD011, Li_2O (%) and Sn (ppm)

Hole_ID	From (m)	To (m)	Lithology	Sample ID	Li_2O (%)	Sn (ppm)
MO18DD011	159	160	pegmatite	35031	1.2800	805.0000
MO18DD011	160	161	pegmatite	35032	1.9750	366.0000
MO18DD011	161	162	pegmatite	35033	0.7560	1810.0000
MO18DD011	162	163	pegmatite	35034	2.0400	309.0000
MO18DD011	163	164	pegmatite	35036	1.4900	309.0000
MO18DD011	164	165	pegmatite	35037	0.4070	1300.0000
MO18DD011	165	166	pegmatite	35038	2.2800	1190.0000
MO18DD011	166	167	pegmatite	35039	1.4500	2230.0000
MO18DD011	167	168	pegmatite	35040	0.4330	505.0000
MO18DD011	168	169	pegmatite	35041	0.9210	757.0000
MO18DD011	169	170	pegmatite	35042	1.9500	184.0000
MO18DD011	170	171	pegmatite	35043	2.6000	313.0000
MO18DD011	171	172	pegmatite	35044	0.7040	111.0000
MO18DD011	172	173	pegmatite	35045	4.4100	411.0000
MO18DD011	173	174	pegmatite	35046	2.9600	2340.0000
MO18DD011	174	175	pegmatite	35047	0.4650	99.0000
MO18DD011	175	176	pegmatite	35048	2.3000	273.0000
MO18DD011	176	177	pegmatite	35049	2.8200	445.0000
MO18DD011	177	178	pegmatite	35051	3.2400	237.0000
MO18DD011	178	179	pegmatite	35052	2.7600	215.0000
MO18DD011	179	180	pegmatite	35053	2.1500	624.0000
MO18DD011	180	181	pegmatite	35054	2.0300	535.0000
MO18DD011	181	182	pegmatite	35056	1.0450	1110.0000
MO18DD011	182	183	pegmatite	35057	4.4100	353.0000
MO18DD011	183	184	pegmatite	35058	1.9200	516.0000
MO18DD011	184	185	pegmatite	35059	2.3000	1390.0000
MO18DD011	185	186	pegmatite	35060	2.4300	3630.0000
MO18DD011	186	187	pegmatite	35061	1.4050	729.0000
MO18DD011	187	188	pegmatite	35062	1.9700	2240.0000
MO18DD011	188	189	pegmatite	35063	0.8850	848.0000
MO18DD011	189	190	pegmatite	35064	2.3100	641.0000
MO18DD011	190	191	pegmatite	35066	0.8350	4140.0000
MO18DD011	191	192	pegmatite	35067	2.2100	264.0000
MO18DD011	192	193	pegmatite	35068	1.3950	203.0000
MO18DD011	193	194	pegmatite	35069	0.1980	3670.0000
MO18DD011	194	195	pegmatite	35071	1.3350	595.0000
MO18DD011	195	196	pegmatite	35072	0.7320	3360.0000
MO18DD011	196	197	pegmatite	35073	1.8600	629.0000
MO18DD011	197	198	pegmatite	35074	2.2000	840.0000
MO18DD011	198	199	pegmatite	35076	1.7850	449.0000
MO18DD011	199	200	pegmatite	35077	2.3500	525.0000
MO18DD011	200	201	pegmatite	35078	1.7900	965.0000
MO18DD011	201	202	pegmatite	35079	0.2500	735.0000
MO18DD011	202	203	pegmatite	35080	0.1890	493.0000
MO18DD011	203	204	pegmatite	35081	1.3900	656.0000
MO18DD011	204	205	pegmatite	35082	2.0100	1190.0000
MO18DD011	205	206	pegmatite	35083	0.6180	527.0000
MO18DD011	206	207	pegmatite	35084	0.2200	559.0000
MO18DD011	207	208	pegmatite	35085	0.0410	545.0000
MO18DD011	208	209	pegmatite	35086	0.7620	298.0000
MO18DD011	209	210	pegmatite	35087	2.9300	268.0000
MO18DD011	210	211	pegmatite	35088	1.8250	368.0000
MO18DD011	211	212	pegmatite	35089	0.3230	192.0000
MO18DD011	212	213	pegmatite	35091	2.7200	217.0000
MO18DD011	213	214	pegmatite	35092	0.6950	309.0000
MO18DD011	214	215	pegmatite	35093	2.2800	1120.0000
MO18DD011	215	216	pegmatite	35094	1.6050	553.0000
MO18DD011	216	217	pegmatite	35096	1.5600	404.0000
MO18DD011	217	218	pegmatite	35097	2.6500	241.0000
MO18DD011	218	219	pegmatite	35098	1.0600	1480.0000
MO18DD011	219	220	pegmatite	35099	1.8100	693.0000

Appendix Three – Assay Results MO18DD010 – MO18DD011, Li_2O (%) and Sn (ppm)

Hole_ID	From (m)	To (m)	Lithology	Sample ID	Li_2O (%)	Sn (ppm)
MO18DD011	220	221	pegmatite	35100	2.3000	724.0000
MO18DD011	221	222	pegmatite	35101	1.7800	298.0000
MO18DD011	222	223	pegmatite	35102	1.3800	984.0000
MO18DD011	223	224	pegmatite	35103	2.2400	819.0000
MO18DD011	224	225	pegmatite	35104	2.5900	1160.0000
MO18DD011	225	226	pegmatite	35106	1.9450	390.0000
MO18DD011	226	227	pegmatite	35107	2.4400	291.0000
MO18DD011	227	228	pegmatite	35108	2.6600	3180.0000
MO18DD011	228	229	pegmatite	35109	2.5100	640.0000
MO18DD011	229	230	pegmatite	35111	3.2000	597.0000
MO18DD011	230	231	pegmatite	35112	3.8000	1050.0000
MO18DD011	231	232	pegmatite	35113	3.1400	556.0000
MO18DD011	232	233	pegmatite	35114	1.7350	189.0000
MO18DD011	233	234	pegmatite	35116	2.2900	244.0000
MO18DD011	234	235	pegmatite	35117	1.5200	521.0000
MO18DD011	235	236	pegmatite	35118	1.9350	607.0000
MO18DD011	236	237	pegmatite	35119	1.0750	968.0000
MO18DD011	237	238	pegmatite	35120	2.6400	850.0000
MO18DD011	238	239	pegmatite	35121	4.0700	873.0000
MO18DD011	239	240	pegmatite	35122	3.4300	159.0000
MO18DD011	240	241	pegmatite	35123	0.4150	198.0000
MO18DD011	241	242	pegmatite	35124	1.4050	832.0000
MO18DD011	242	243	pegmatite	35126	2.5600	672.0000
MO18DD011	243	244	pegmatite	35127	2.7200	1130.0000
MO18DD011	244	245	pegmatite	35128	1.6300	570.0000
MO18DD011	245	246	pegmatite	35129	2.9000	161.0000
MO18DD011	246	247	pegmatite	35131	2.9900	251.0000
MO18DD011	247	248	pegmatite	35132	1.9350	237.0000
MO18DD011	248	249	pegmatite	35133	2.4300	320.0000
MO18DD011	249	250	pegmatite	35134	3.5300	198.0000
MO18DD011	250	251	pegmatite	35135	2.0600	223.0000
MO18DD011	251	252	pegmatite	35136	0.8180	161.0000
MO18DD011	252	253	pegmatite	35137	3.1600	173.0000
MO18DD011	253	254	pegmatite	35138	4.0300	271.0000
MO18DD011	254	255	pegmatite	35139	0.3720	160.0000
MO18DD011	255	256	pegmatite	35140	3.9800	509.0000
MO18DD011	256	257	pegmatite	35141	2.6300	194.0000
MO18DD011	257	258	pegmatite	35142	3.2300	600.0000
MO18DD011	258	259	pegmatite	35143	1.5250	92.0000
MO18DD011	259	260	pegmatite	35144	0.9450	101.0000
MO18DD011	260	261	pegmatite	35146	0.6310	279.0000
MO18DD011	261	262	pegmatite	35147	0.5900	310.0000
MO18DD011	262	263	pegmatite	35148	1.3400	213.0000
MO18DD011	263	264	pegmatite	35149	2.3500	119.0000
MO18DD011	264	265	pegmatite	35151	0.9860	183.0000
MO18DD011	265	266	pegmatite	35152	1.4950	257.0000
MO18DD011	266	267	pegmatite	35153	0.8030	147.0000
MO18DD011	267	268	pegmatite	35154	2.3400	219.0000
MO18DD011	268	269	pegmatite	35156	1.0850	131.0000
MO18DD011	269	270	pegmatite	35157	2.4300	106.0000
MO18DD011	270	271	pegmatite	35158	0.6950	304.0000
MO18DD011	271	272	pegmatite	35159	1.6450	374.0000
MO18DD011	272	273	pegmatite	35160	1.2500	1130.0000
MO18DD011	273	274	pegmatite	35161	1.1650	1100.0000
MO18DD011	274	275	pegmatite	35162	0.6310	1360.0000
MO18DD011	275	276	pegmatite	35163	2.0400	671.0000
MO18DD011	276	277	pegmatite	35164	3.3500	395.0000
MO18DD011	277	278	pegmatite	35166	2.2600	613.0000
MO18DD011	278	279	pegmatite	35167	4.5000	366.0000
MO18DD011	279	280	pegmatite	35168	1.5450	254.0000
MO18DD011	280	281	pegmatite	35169	1.2800	464.0000

Appendix Three – Assay Results MO18DD010 – MO18DD011, Li_2O (%) and Sn (ppm)

Hole_ID	From (m)	To (m)	Lithology	Sample ID	Li_2O (%)	Sn (ppm)
MO18DD011	281	282	pegmatite	35171	1.8000	798.0000
MO18DD011	282	283	pegmatite	35172	3.4000	330.0000
MO18DD011	283	284	pegmatite	35173	3.5300	463.0000
MO18DD011	284	285	pegmatite	35174	2.1600	645.0000
MO18DD011	285	286	pegmatite	35175	2.3200	508.0000
MO18DD011	286	287	pegmatite	35176	0.8140	490.0000
MO18DD011	287	288	pegmatite	35177	0.8780	562.0000
MO18DD011	288	289	pegmatite	35178	2.1300	834.0000
MO18DD011	289	290	pegmatite	35179	1.8300	544.0000
MO18DD011	290	291	pegmatite	35180	1.1550	1310.0000
MO18DD011	291	292	pegmatite	35181	1.3100	689.0000
MO18DD011	292	293	pegmatite	35182	1.9150	237.0000
MO18DD011	293	294	pegmatite	35183	1.0300	198.0000
MO18DD011	294	295	pegmatite	35184	0.9840	869.0000
MO18DD011	295	296	pegmatite	35186	2.5600	187.0000
MO18DD011	296	297	pegmatite	35187	4.3700	102.0000
MO18DD011	297	298	pegmatite	35188	2.9600	90.0000
MO18DD011	298	299	pegmatite	35189	2.3400	212.0000
MO18DD011	299	300	pegmatite	35191	1.8200	183.0000
MO18DD011	300	301	pegmatite	35192	0.3750	384.0000
MO18DD011	301	302	pegmatite	35193	0.3490	140.0000
MO18DD011	302	303	pegmatite	35194	2.1500	582.0000
MO18DD011	303	304	pegmatite	35196	0.7510	156.0000
MO18DD011	304	305	pegmatite	35197	1.4050	322.0000
MO18DD011	305	306	pegmatite	35198	1.5200	923.0000
MO18DD011	306	307	pegmatite	35199	2.8500	576.0000
MO18DD011	307	308	pegmatite	35200	1.3400	1350.0000
MO18DD011	308	309	pegmatite	35201	1.4900	654.0000
MO18DD011	309	310	pegmatite	35202	3.1800	218.0000
MO18DD011	310	311	pegmatite	35203	0.4500	324.0000
MO18DD011	311	312	pegmatite	35204	2.2900	229.0000
MO18DD011	312	313	pegmatite	35205	2.2100	348.0000
MO18DD011	313	314	pegmatite	35206	0.9800	264.0000
MO18DD011	314	315	pegmatite	35207	0.1050	737.0000
MO18DD011	315	316	pegmatite	35208	1.0600	340.0000
MO18DD011	316	317	pegmatite	35209	0.2320	158.0000
MO18DD011	317	318	pegmatite	35211	0.1550	68.0000
MO18DD011	318	319	pegmatite	35212	0.0800	55.0000
MO18DD011	319	320	pegmatite	35213	0.7420	247.0000
MO18DD011	320	321	pegmatite	35214	0.3400	270.0000
MO18DD011	321	322	pegmatite	35216	2.1400	480.0000
MO18DD011	322	323	pegmatite	35217	1.6850	456.0000
MO18DD011	323	324	pegmatite	35218	0.9990	479.0000
MO18DD011	324	325	pegmatite	35219	3.3300	681.0000
MO18DD011	325	326	pegmatite	35220	2.3500	357.0000
MO18DD011	326	327	pegmatite	35221	0.3490	142.0000
MO18DD011	327	328	pegmatite	35222	0.6690	229.0000
MO18DD011	328	329	pegmatite	35223	1.0900	443.0000
MO18DD011	329	330	pegmatite	35224	0.6870	1010.0000
MO18DD011	330	331	pegmatite	35226	0.7320	1090.0000
MO18DD011	331	332	pegmatite	35227	1.8150	542.0000
MO18DD011	332	333	pegmatite	35228	1.1950	531.0000
MO18DD011	333	334	pegmatite	35229	1.7600	1120.0000
MO18DD011	334	335	pegmatite	35231	1.8050	710.0000
MO18DD011	335	336	pegmatite	35232	1.0400	943.0000
MO18DD011	336	337	pegmatite	35233	2.0600	812.0000
MO18DD011	337	338	pegmatite	35234	1.6550	910.0000
MO18DD011	338	339	pegmatite	35236	1.7200	268.0000
MO18DD011	339	340	pegmatite	35237	2.6300	1220.0000
MO18DD011	340	341	pegmatite	35238	2.4400	320.0000
MO18DD011	341	342	pegmatite	35239	2.9500	322.0000

Appendix Three – Assay Results MO18DD010 – MO18DD011, Li_2O (%) and Sn (ppm)

Hole_ID	From (m)	To (m)	Lithology	Sample ID	Li_2O (%)	Sn (ppm)
MO18DD011	342	343	pegmatite	35240	1.6400	205.0000
MO18DD011	343	344	pegmatite	35241	3.4100	419.0000
MO18DD011	344	345	pegmatite	35242	2.2900	343.0000
MO18DD011	345	346	pegmatite	35243	0.3490	335.0000
MO18DD011	346	347	pegmatite	35244	2.9000	423.0000
MO18DD011	347	348	pegmatite	35245	1.5650	467.0000
MO18DD011	348	349	pegmatite	35246	1.7650	821.0000
MO18DD011	349	350	pegmatite	35247	1.2100	311.0000
MO18DD011	350	351	pegmatite	35248	1.5400	603.0000
MO18DD011	351	352	pegmatite	35249	1.3400	1330.0000
MO18DD011	352	353	pegmatite	35251	1.8750	655.0000
MO18DD011	353	354	pegmatite	35252	1.8400	1120.0000
MO18DD011	354	355	pegmatite	35253	1.7900	981.0000
MO18DD011	355	356	pegmatite	35254	1.6750	1080.0000
MO18DD011	356	357	pegmatite	35256	1.2850	2770.0000
MO18DD011	357	358	pegmatite	35257	1.1600	1540.0000
MO18DD011	358	359	pegmatite	35258	2.1500	418.0000
MO18DD011	359	360	pegmatite	35259	1.0550	931.0000
MO18DD011	360	361	pegmatite	35260	2.0100	1110.0000
MO18DD011	361	362	pegmatite	35261	2.0600	752.0000
MO18DD011	362	363	pegmatite	35262	2.0400	648.0000
MO18DD011	363	364	pegmatite	35263	3.6000	299.0000
MO18DD011	364	365	pegmatite	35264	0.7620	1130.0000
MO18DD011	365	366	pegmatite	35266	2.2600	719.0000
MO18DD011	366	367	pegmatite	35267	1.8250	1240.0000
MO18DD011	367	368	pegmatite	35268	1.8000	835.0000
MO18DD011	368	369	pegmatite	35269	1.5050	1050.0000
MO18DD011	369	370	pegmatite	35271	1.7350	961.0000
MO18DD011	370	371	pegmatite	35272	1.4250	6660.0000
MO18DD011	371	372	pegmatite	35273	1.8400	417.0000
MO18DD011	372	373	pegmatite	35274	1.3200	922.0000
MO18DD011	373	374	pegmatite	35276	1.9600	939.0000
MO18DD011	374	375	pegmatite	35277	1.7800	1210.0000
MO18DD011	375	376	pegmatite	35278	2.6900	942.0000
MO18DD011	376	377	pegmatite	35279	1.0950	585.0000
MO18DD011	377	378	pegmatite	35280	1.5650	1140.0000
MO18DD011	378	379	pegmatite	35281	1.0500	1560.0000
MO18DD011	379	380	pegmatite	35282	1.9600	1460.0000
MO18DD011	380	381	pegmatite	35283	1.6600	1020.0000
MO18DD011	381	382	pegmatite	35284	1.4500	412.0000
MO18DD011	382	383	pegmatite	35285	0.8520	384.0000
MO18DD011	383	384	pegmatite	35286	2.1800	517.0000
MO18DD011	384	385	pegmatite	35287	1.8950	697.0000
MO18DD011	385	386	pegmatite	35288	1.1600	1750.0000
MO18DD011	386	387	pegmatite	35289	2.0800	474.0000
MO18DD011	387	388	pegmatite	35291	0.9000	775.0000
MO18DD011	388	389	pegmatite	35292	1.3350	1090.0000
MO18DD011	389	390	pegmatite	35293	2.5000	476.0000
MO18DD011	390	391	pegmatite	35294	0.6690	469.0000
MO18DD011	391	392.27	pegmatite	35296	0.0370	255.0000
MO18DD011	392.27	393.27	mica schist	35297	0.2540	128.0000
MO18DD011	393.27	394.27	mica schist	35298	0.2430	30.0000

JORC Code, 2012 Edition – Table 1

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 (e.g. 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.	Diamond drilling, producing drill-core has been utilised to sample the pegmatite below ground surface. This method is recognised as providing the highest quality information and samples of the unexposed geology.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	Based on available data, there is nothing to indicate that drilling and sampling practices were not to normal industry standards at the time within the Manono licence PR13359.
	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 (e.g. 'reverse circulation drilling was used to obtain 1m 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 (e.g. submarine nodules) may warrant disclosure of detailed information.	Diamond drilling has been used to obtain core samples which have then been cut longitudinally. Sections to be submitted for assay have been determined according to geological boundaries and, away from the contact zones, samples have been taken at 1-m intervals. The submitted half-core samples typically have a mass of 3kg – 4kg.
Drilling techniques	Drill type (e.g. core, reverse circulation, open hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. 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.).	The drilling discussed in the report preceding this table was completed using diamond core rigs with PQ and HQ sized drill rods. Most holes, apart from a vertical hole discussed in the attached announcement, are angled between -50^0 and -75^0 and collared from surface into weathered bedrock. All hole collars will be surveyed after completion. All holes (apart from the vertical hole) are down-hole surveyed using a digital multi-shot camera at about 30m intervals. The core obtained to-date by drilling has been oriented.
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	Current diamond core drilling is averaging greater than 90% recovery as calculated from RQD logs.
	Measures taken to maximise sample recovery and ensure representative nature of the samples.	AVZ has ensured minimum adequate supervision of drilling has been completed by an experienced geologist to correct drilling protocols are followed and sample recovery is maximized.
	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.	For the vast majority of the drilling completed, recovery was near 100% and there is no sample bias due to preferential loss or gain of fine or coarse material.

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.	Drill-core is logged by qualified geologists using a data-logger which is then uploading into the micromine software system. A complete copy of the data is held by an independent consultant. The parameters recorded in the logging are adequate 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.	All core is logged, and logging is by qualitative (Lithology) and quantitative (RQD) methods. All core is also photographed.
	The total length and percentage of the relevant intersections logged.	The entirety of all drill-holes are logged for geological, mineralogical and geotechnical data.
Sub-sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all core taken.	Core is cut longitudinally and half-core is submitted for assay.
	If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.	The current program is diamond core drilling
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	The sample preparation for drill-core samples incorporates standard industry best-practice and is appropriate. The half-core samples are sent to ALS Lubumbashi where they are crushed and then pulverized to produce a pulp. A 120gm subsample is split and then exported to Australia for analytical determination.
	Quality control procedures adopted for all subsampling stages to maximise representivity of samples.	Standard sub-sampling procedures are utilized by ALS Lubumbashi at all stages of sample preparation such that each sub-sample split is representative of the whole it was derived from.
	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	Duplicate sampling has been undertaken for the current drilling program. After half-core samples have been crushed, a split is taken as a field duplicate and then placed into a pre-numbered bag. The Duplicate is then pulverized and a pulp split from the pulverized mass. An AVZ geologist supervises the preparation and bagging of the duplicate.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	Samples from drilling are sampled by methods that are appropriate for the material being sampled for the purposes of the sampling and in-accord with standard industry best-practice.
Quality of assay data and laboratory tests	The nature, quality and appropriateness of the Assaying and laboratory procedures used and whether the technique is considered partial or total.	Diamond drill-hole (core) samples are to be submitted to ALS Lubumbashi (DRC) where they will be crushed and pulverized to produce pulps. These pulps will be exported to Australia and analyzed by ALS Laboratories in Perth, Western Australia using a Sodium Peroxide Fusion followed by digestion using a dilute acid thence determination by AES or MS, i.e. methods ME-ICP89 and ME-MS91), with determination of a suite of elements that includes Li, Sn, Ta & Nb. Peroxide fusion results in the complete digestion of the sample into a molten flux. As fusion digestions are more aggressive than acid digestion methods, they are suitable for many refractory, difficult-to-dissolve minerals such as chromite, ilmenite, spinel, cassiterite and minerals of the tantalum-tungsten solid solution series. They also provide a more-complete digestion of some silicate mineral species and are considered to provide the most reliable determinations of lithium mineralization. Sodium Peroxide Fusion is a total digest and considered the preferred method of assaying pegmatite samples.

	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.	These geophysical instruments are not used in assessing the mineralization within AVZ's Manono Lithium Project.
	Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	For the drilling, AVZ has incorporated standard QA/QC procedures to monitor the precision, accuracy and general reliability of all assay results from assays of drilling samples. As part of AVZ's sampling protocol, CRM's (standards), blank and duplicates are inserted into the sampling stream. In addition, the laboratory (ALS Perth) incorporates its own internal QA/QC procedures to monitor its assay results prior to release of results to AVZ. AVZ will also utilize an "umpire" laboratory" (external laboratory check) to complete checks upon assay results received from ALS Perth. At the time of issue of the attached announcement, assay results had not been received.

Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	No verification exploration work has so far been undertaken.
	The use of twinned holes.	Twinned holes have not been drilled.
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	The data from previous exploration are currently stored in hardcopy and digital format on site. A hard drive copy of this is located at the administration office in country and all data is uploaded to the GIS consultants' database in Perth, WA.
	Discuss any adjustment to assay data.	Assay results have not been adjusted.
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.	The drill-hole collars have been surveyed using handheld GPS devices, giving an accuracy of +/- 3m in open-ground. The locations will be verified at a later date using an RTK differential GPS giving an accuracy of +/- 0.005m. Down-hole surveys are completed at 30m intervals with both azimuth and inclination determined with an accuracy of 1 decimal place.
	Specification of the grid system used.	WGS_84 UTM Zone 35M.
	Quality and adequacy of topographic control.	No survey has been undertaken. Hand held GPS coordinates have been utilized to locate drill-holes to-date but a high-accuracy survey using an RTK differential GPS giving an accuracy of +/- 0.005m will be completed after the drilling program is completed.
Data spacing and distribution	Data spacing for reporting of Exploration Results.	Drill-hole spacing is planned for completion of drill-holes on sections 100m apart, with drill collars 50m to 100m apart where possible. In situations of difficult terrain, it is planned to drill multiple holes from a single drill-pad but using differing angles for each drill-hole. Sample spacing is sufficiently dense to give a reasonable indication of the tenor of mineralisation.
	Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.	The spacing of drill-holes in the drilling program currently in-progress is considered sufficient to establish the degree of geological and grade continuity such that a Mineral Resource can be defined.
	Whether sample compositing has been applied.	No compositing was applied.
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.	The drill-hole orientation is designed to intersect the pegmatites such that drilling-intersections are at, or nearly at, 90^0 to the strike of the pegmatite. Most holes are also intended to intersect the pegmatite at, or close to, 90^0 to the dip of the pegmatite however, some drill-holes have had to be oriented such that the ideal intersection is not achieved. Where this is the case, it is stated.

	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.	There is no apparent bias in any sampling to date.
Sample security	The measures taken to ensure sample security.	Chain of custody is maintained by AVZ personnel on-site to Lubumbashi. At Lubumbashi, the prepped samples (pulps) are sealed into a box and delivered by DHL to ALS Perth.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	The sampling techniques and data have been reviewed and the assay results are believed to give a reliable indication of the lithium mineralisation within the samples.

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 Manono licence was awarded as a Research Permit PR 13359 issued on the 28th December 2016 and is valid for 5 years, expiring on 28/12/2021. On 2/02/2017, AVZ Minerals Ltd ("AVZ") formed a joint-venture (JV) with La Congolaise d'Exploitation Miniere SA ("Cominiere") and Dathomir Mining Resources SARL ("Dathomir") to explore and develop the pegmatites contained within PR 13359. Ownership of the Manono Lithium Project stands at AVZ 60%, Cominiere 30% and Dathomir 10%. AVZ manages the project and meets all funding requirements. All indigenous title is cleared and there are no other known historical or environmentally sensitive areas.
	The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	Both the previous (2002) and current (2018) DRC Mining Code specifically confer the exclusive right to the JV partners to either extend the life of Research Permit PR 13359 to 28/12/2025 or to apply for an Exploitation Permit in order to commence mining activities. There are no known impediments to maintaining exploration or progressing to mining.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Within PR13359 exploration of relevance was undertaken by Geomines whom completed a program of drilling between 1949 and 1951. The drilling consisted of 42 vertical holes drilled to a general depth of around 50 to 60m and reaching the -80m level. Drilling was carried out on 12 sections at irregular intervals ranging from 50m to 300m, and over a strike length of some 1,100m. Drill spacing on the sections varied from 50 to 100m. The drilling occurred in the RD Pit only, targeting the fresh pegmatite in the Kitotolo sector of the project area. The licence area has been previously mined for tin and tantalum including "coltan" through a series of open pits over a total length of approximately 10km excavated by Zairetain sprl. More than 60Mt of material was mined from three major pits and several subsidiary pits. Ore was crushed and then upgraded through gravity separation to produce a concentrate of a reported 72%Sn. There are no reliable records available of tantalum or lithium recovery as tin was the primary mineral being recovered. Apart from the mining excavations and the drilling program, there has been very limited exploration work within the Manono extension licences.

Geology	Deposit type, geological setting and style of mineralisation.	The Project lies within the mid-Proterozoic Kibaran Belt - an intracratonic domain, stretching for over 1,000 km through Katanga and into southwest Uganda. The belt strikes predominantly SW-NE and is truncated by the N-S to NNW-SSE trending Western Rift system. The Kibaran comprises a sedimentary and volcanic sequence that has been folded, metamorphosed and intruded by at least three separate phases of granite. The latest granite phase (900 to 950 My ago) is assigned to the Katangan cycle and is associated with widespread vein and pegmatite mineralization containing tin, tungsten, tantalum, niobium, lithium and beryllium. Deposits of this type occur as clusters and are widespread throughout the Kibaran terrain. In the DRC, the Katanga Tin Belt stretches over 500 km from near Kolwezi in the southwest to Kalemie in the northeast comprising numerous occurrences and deposits of which the Manono deposit is the largest. The geology of the Manono area is poorly documented and no reliable maps of local geology were observed. Recent mapping by AVZ has augmented the overview provided by Bassot and Morio (1989) and has led to the following description. The Manono Project pegmatites are hosted by a series of mica schists and by amphibolite in some locations. These host rocks have a steeply dipping penetrative foliation that appears to be parallel to bedding. There are numerous bodies of pegmatite, the largest of which have sub-horizontal to moderate dips, with dip direction being towards the southeast. The pegmatites post-date metamorphism, with all primary igneous textures intact. They cross-cut the host-rocks but despite their large size, the contact deformation and metasomatism of the host rocks by the intrusion of the pegmatites seems minor. The absence of significant deformation of the schistosity of the host rocks implies that the pegmatites intruded brittle rocks. The pegmatites constitute a pegmatite swarm in which the largest pegmatites have an apparent en-echalon arrangement in a linear zone more than 12km long. The pegmatites are exposed in two areas; Manono in the northeast, and Kitotolo in the southwest. These areas are separated by a 2.5 km section of alluvium-filled floodplain which contains Lake Lukushi. At least one large pegmatite extends beneath the floodplain. The pegmatites are members of the LCT-Rare Element group of pegmatites and within the pegmatite swarm there are LCT Albite-spodumene pegmatites and LCT Complex (spodumene sub-type) pegmatites.
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	This information is included as Appendix 1 of the announcement preceding this table.

	• 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.	This information has not been excluded.
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.	Cut-off grades have not been applied.
	Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	The reported intersections span long intervals of continuous mineralisation of variable grade; the stated intersections reliably reflect the nature of the mineralisation and the stated length of intersected mineralisation has not been exaggerated by incorporation of unmineralised sample intervals.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	Not applicable; metal equivalents are not reported by AVZ.
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	The geometry of the mineralisation reported is reasonably well understood however the pegmatite are not of uniform thickness and their orientations vary down-dip and along strike. Consequently, most drilling intersections do not represent the true-thickness of the intersected pegmatite.
	If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').	In the announcement to which this table is attached, there are clear statements given that clarify the nature of the intersections, stating that the reported interval is not the true thickness.
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.	The required sections and plans are included in the announcement to which this table is attached.

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.	The reporting is balanced as all results are reported.
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.	This information will be supplied as the project advances and said data is generated.
Further work	The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).	Diamond drill testing of the identified priority targets will be on-going. Metallurgical testing is being undertaken and will be reported when results are received.
	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	The diagrams in the announcement preceding this table show the intersected pegmatite and potential extensions.