ASX ANNOUNCEMENT

22 March 2023

Further Positive Results from Roche Dure Extension Drilling Program

Highlights

- Results from the fourth consignment of 5 drillholes out of 54 resource drill holes at the Roche Dure North-East Extension, confirms further widespread, high-grade spodumene lithium mineralisation including 308.12m @ 1.53% Li_2O & 731ppm Sn from hole MO22DD015 as well as a thicker high grade zone of 72m thickness grading 2.07% Li_2O & 236ppm Sn in hole MO22DD021

- One hundred and five samples returned values greater than 2% including 7 individual samples grading greater than 3% Li_2O with the highest value being from hole MO22DD021 from 131.0 to 133.0 metres downhole grading 3.55% Li_2O

- Middindi geotechnical engineers from Johannesburg complete specialist logging of eight drillholes for possible expansion of the open pit redesign

- Some areas of late stage alteration of the pegmatite were noted, again with lower Li values, but these are balanced with significant thicknesses of +2% Li_2O elsewhere

AVZ Minerals Limited (ASX: AVZ, OTC: AZZVF) (**AVZ** or **Company**) is pleased to report it has received further strong results from its Mineral Resource drilling (Figures 2 to 6) at the Manono Lithium and Tin Project (**Manono Project**) in the Democratic Republic of Congo (**DRC**). It has received assay results from the fourth consignment of 5 diamond drill holes at the Roche Dure North-East Extension drilling programme.

AVZ's Managing Director Mr Nigel Ferguson commented: *"This next tranche of drilling results, complements nicely, the previous results, with a mix of wide consistent mineralisation, such as that in hole MO22DD015, along with areas of depressed zones, subject to late-stage alteration with lower lithium values as well as pods of higher-grade sections, such as in hole MO22DD021."*

"Specialist geotechnical logging of selected drillholes has been completed by Johannesburg based company Middindi Consulting and core samples taken for a suite of specialist analyses, to assist in the design of future open pit wall angles."

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Results from the 5 new holes are detailed in Table 1 below.

Hole I.D.	Section	Intersections of the Roche Dure pegmatite
MO22DD015	7600mN	22.5m – 330.62m; 308.12m @ 1.53% Li_2O & 731ppm Sn (with 0.70m core loss and 12.75m of internal waste) and including **36.0m - 58.0m; 22.0m @ 2.01% Li_2O & 1135ppm Sn; 112.0m - 128.0m; 16.0m @ 2.07% Li_2O & 603ppm Sn; 205.0m – 211.0m; 6.0m @ 2.4% Li_2O & 526ppm Sn and 302.0m – 316.0m; 14.0m @ 1.97% Li_2O & 754ppm Sn**
MO22DD016	7800mN	103.96m – 186.0m; 82.04m @ 1.10% Li_2O & 390ppm Sn (with 2.23m of internal waste) 186.0m – 318.0m; 132.0m @ 0.28% Li_2O & 245ppm Sn 318.0m – 381.09m; 63.09m @ 1.2% Li_2O & 297ppm Sn and 436.0m – 440.45m; 8.55m @ 0.57% Li_2O & 672ppm Sn
MO22DD019	8100mN	7.7m – 23.70m; 16.0m @ 0.07% Li_2O & 346ppm Sn (with 6.89m core loss) 23.70 – 200.0m; 176.3m @ 1.67% Li_2O & 898ppm Sn (with 0.55m core loss) and including **49.0m - 65.0m; 16.0m @ 2.13% Li_2O & 837ppm Sn; 95.0m-123.0m; 28.0m @ 2.1% Li_2O & 866ppm Sn and 171.0m - 181.0m; 10.0m @ 1.99.0% Li_2O & 772ppm Sn**
MO22DD020	8200mN	1.2m – 7.7m; 6.5m @ 0.21% Li_2O & 1,756ppm Sn (with 1.6m core loss) 7.7m – 87.73m; 80.03m @ 0.88% Li_2O & 858ppm Sn (with 1.2m core loss)
MO22DD021	7700mN	72.04 – 338.70m; 266.66m @ 1.72% Li_2O & 379ppm Sn (with 0.20m core loss) and including **131.0m - 157.0m; 26.0m @ 1.99% Li_2O & 430ppm Sn; 203.0m - 275.0m; 72.0m @ 2.07% Li_2O & 236ppm Sn and 313.0m - 331.0m; 18.0m @ 2.20% Li_2O & 205ppm Sn** lithium, significantly contributing 339.21 – 410.75m; 71.54m @ 0.82% Li_2O & 525ppm Sn (including 0.4m core loss and 1.33m of internal waste)

Table 1: Summary of pegmatite intervals and grades from MO22DD015, MO22DD016 and MO22DD19 to MO22DD021 inclusive

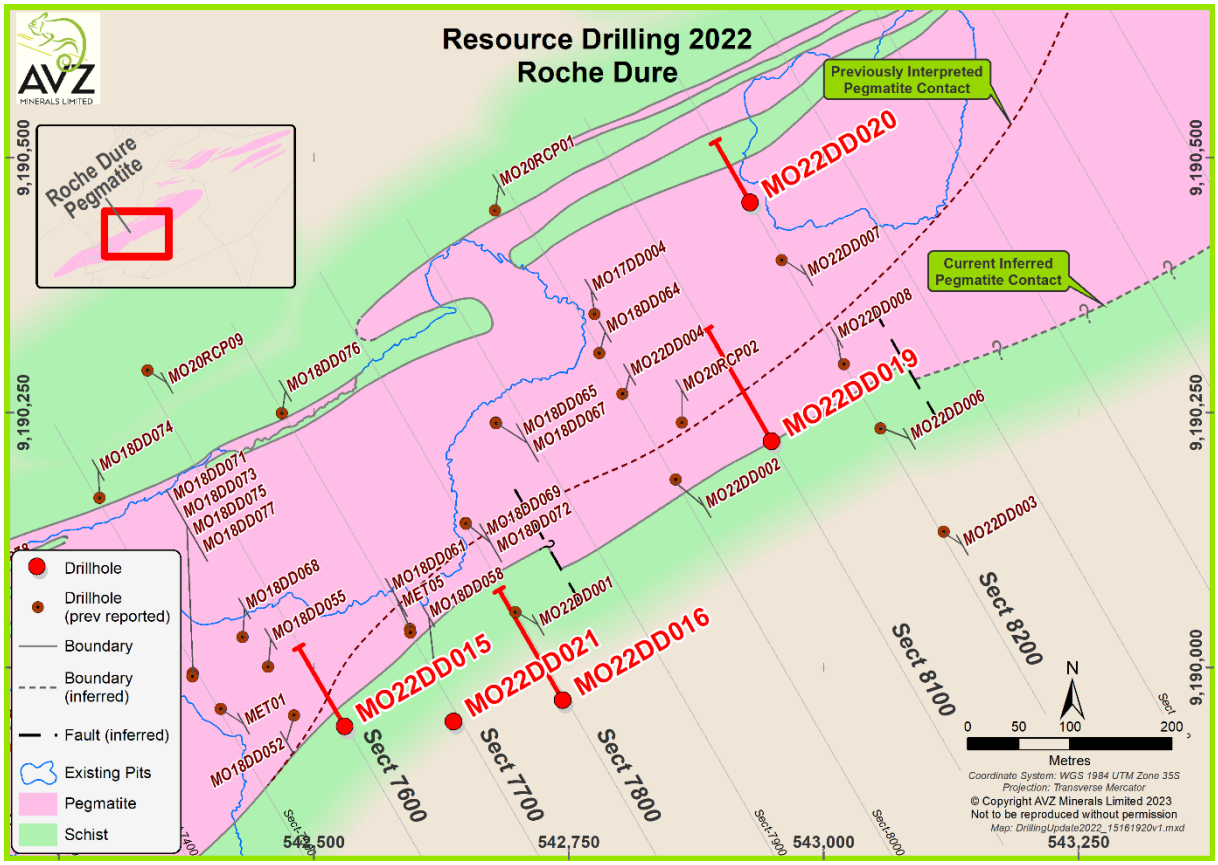

Figure 1: Locations of drillholes MO22DD015, MO22DD016 and MO22DD019 to MO22DD021

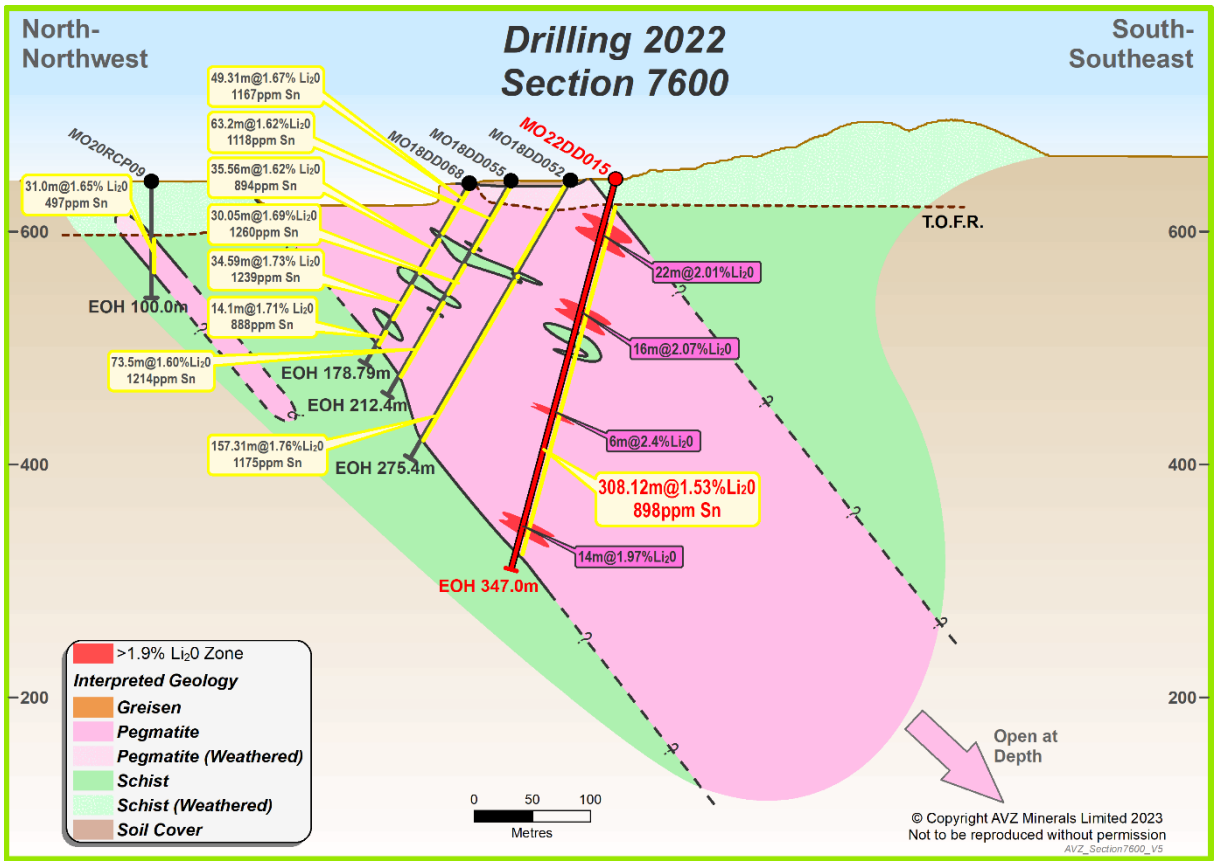

Figure 2: Intersections achieved by MO22DD015 on section 7,600mN

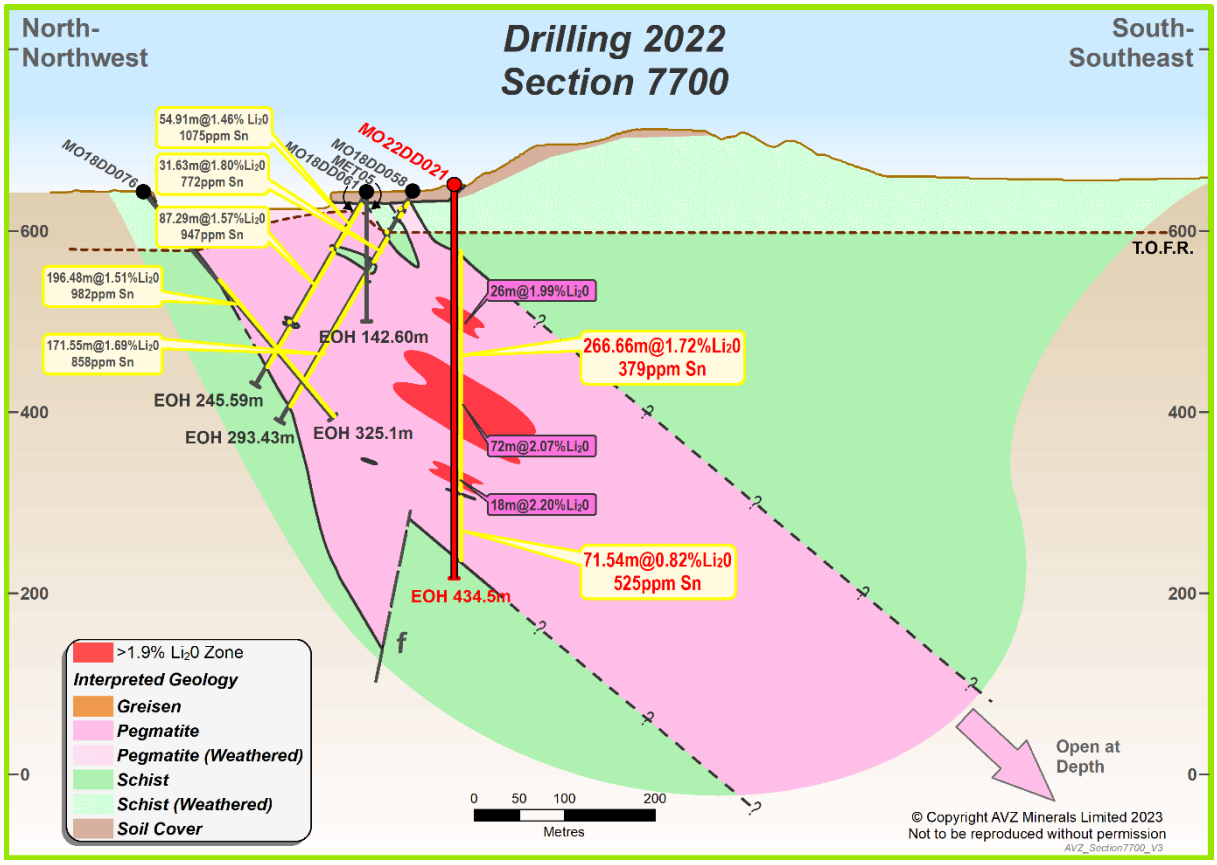

Figure 3: Intersections achieved by MO22DD021 on section 7,700mN

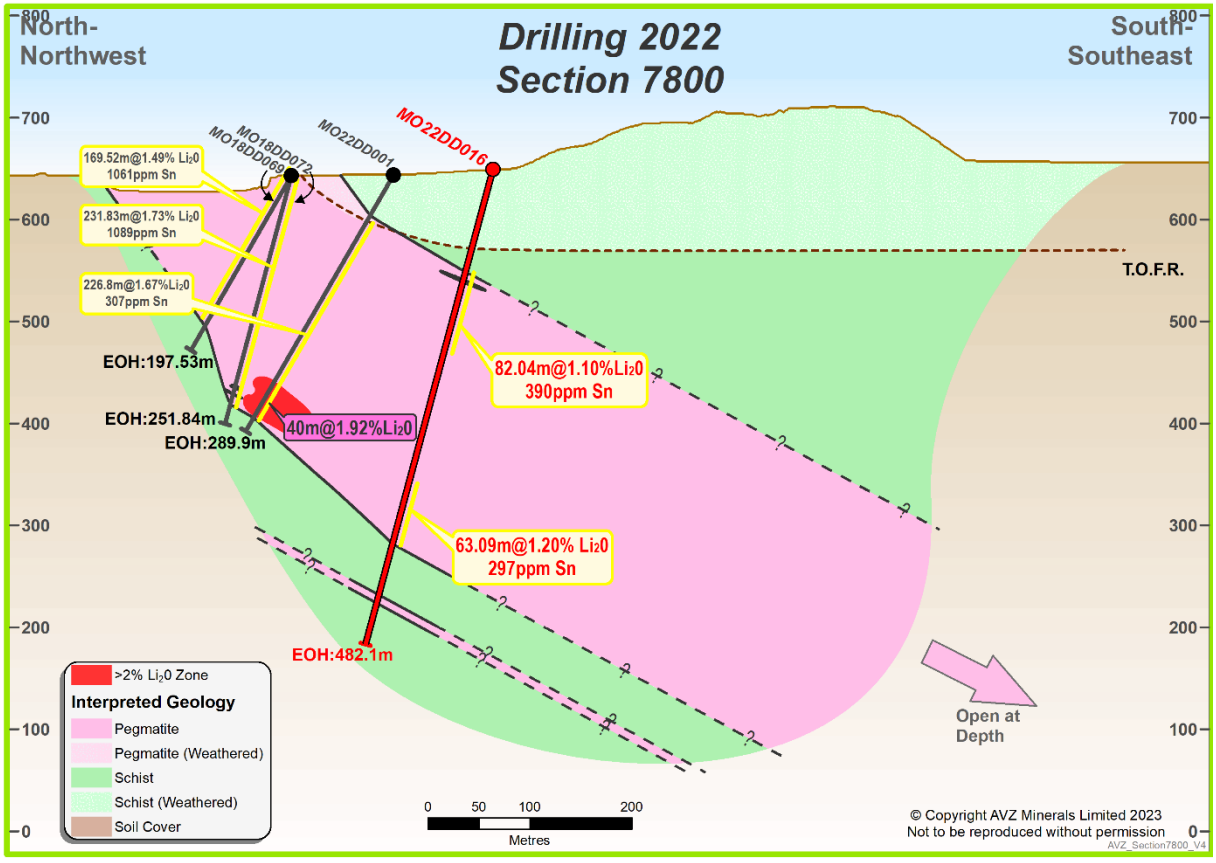

Figure 4: Intersections achieved by MO22DD016 on section 7,800mN

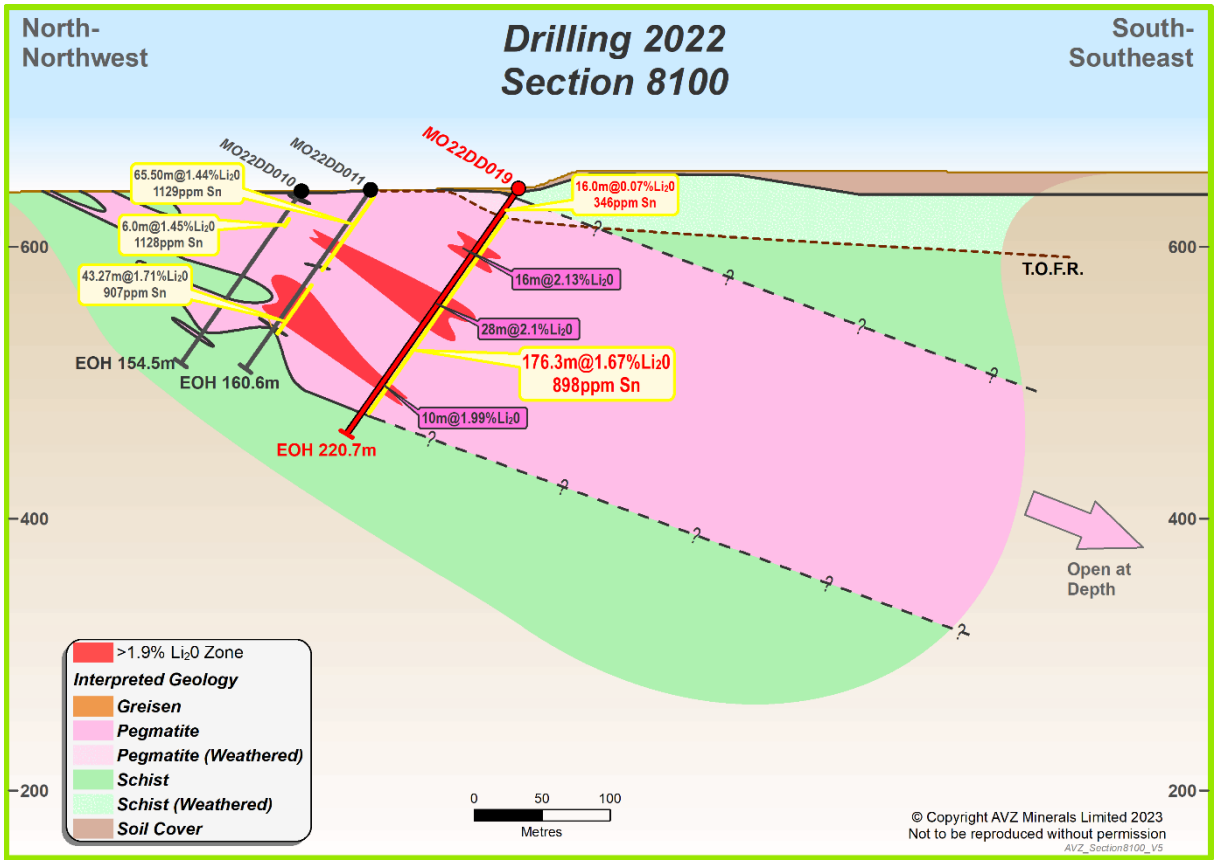

Figure 5: Intersections achieved by MO22DD019 on section 8,100mN

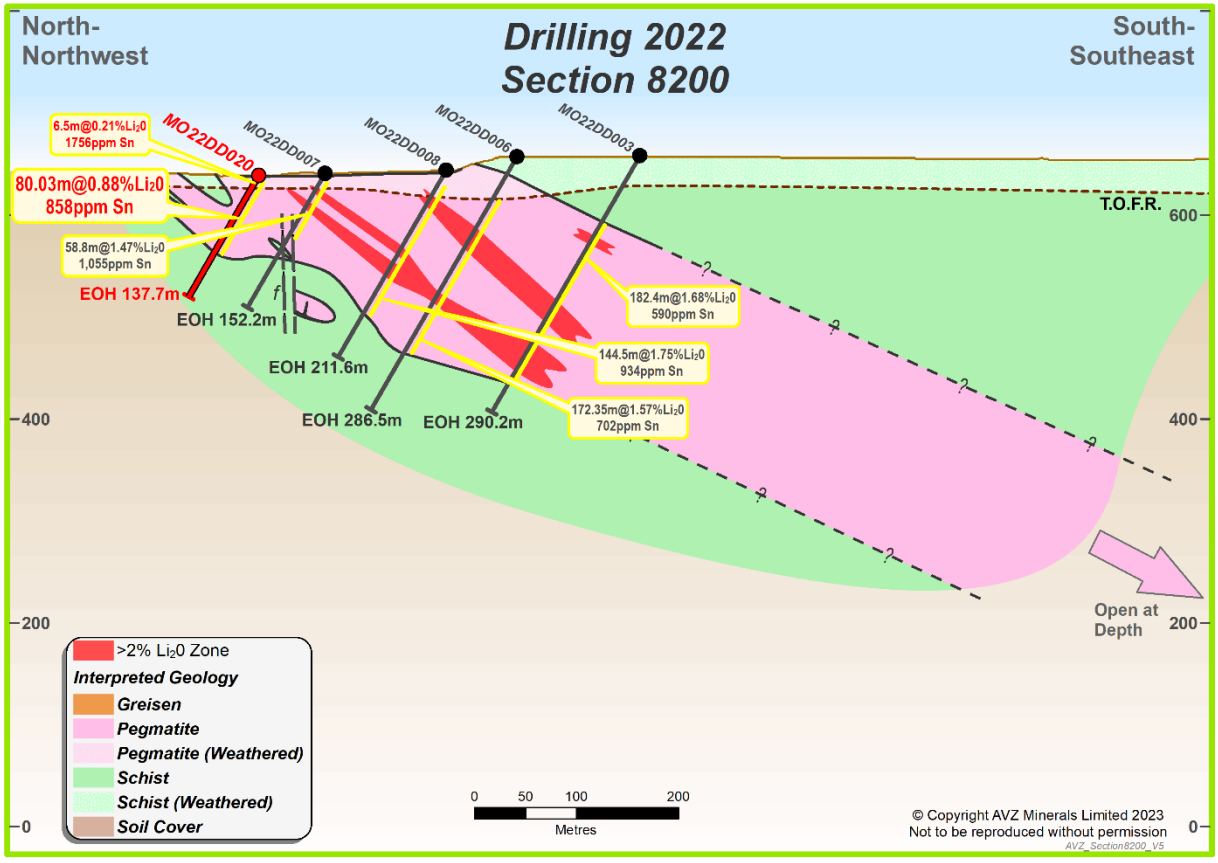

Figure 6: Intersections achieved by MO22DD020 on section 8,200mN

Figure 7: Drilling on causeway built over marshy ground. Roche Dure pit in background

This release was authorised by Nigel Ferguson, Managing Director of AVZ Minerals Limited.

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Competent Person's Statement

The information in this report that relates to analytical assay results is based on, and fairly represents information compiled and reviewed by Mr Nigel Ferguson, a Competent Person who is a Fellow of The Australasian Institute of Mining and Metallurgy and Member of the Australian Institute of Geoscientists. Mr Ferguson is a Director of AVZ Minerals Limited. Mr Ferguson 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 Resource and Ore Reserves". Mr Ferguson consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

ABOUT MANONO LITHIUM AND TIN PROJECT

AVZ holds a 75% interest in the Manono Project, located 500km north of Lubumbashi in the south of the Democratic Republic of Congo, hosting the world class Roche Dure Mineral Resource, one of the largest undeveloped hard rock lithium deposits in the world.

The Manono Project is strategically positioned as a clean, sustainable source of lithium, significantly contributing to the green energy transition, feeding the global lithium-ion battery value chain. With industry leading ESG credentials, it is forecast to be one of the lowest carbon emitting hard rock mines in the world.

NO NEW INFORMATION

This document may include references to information that relates to Mineral Resources and Ore Reserves prepared and first disclosed under the JORC Code 2012. The information references the Company's previous ASX announcements noting the following:

- Mineral Resources and Ore Reserves for the Manono Lithium and Tin Operation "MLTO" or Roche Dure reference the Company's previous ASX Announcements "JORC Ore Reserves increase by 41.6% at Roche Dure" released to ASX on 14 July 2021 and "Updated Mineral Resource Estimate Includes Pit Floor "Wedge" Drill Results" released to ASX on 24 May 2021.
- Any reference to Carriere de l'Este mineral resource estimate (MRE) should be read in conjunction with the Company's previous ASX Announcement "Assays from Carriere de l'Este drilling confirms deposit a likely rival to Roche Dure" dated 16 August 2021.
- Any reference to tin exploration targets should be read in conjunction with the Company's previous ASX Announcement "Initial Exploration Target for Alluvial Placer Hosted Tin Defined at the Manono Lithium and Tin Project" dated 18 May 2021.
- The Definitive Feasibility Study (DFS) refers to the April 2020 DFS, announced to the ASX on 21 April 2020.

These announcements are available to view on the Company's website www.avzminerals.com.au. The Company confirms it is not aware of any new information or data that materially affects the information included in the relevant market announcements and, in the case of estimates of Mineral Resources and Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified from the relevant original market announcements.

FORWARD LOOKING INFORMATION

This announcement contains certain forward-looking statements and comments about future events, including the Company's expectations about the Manono Project and the performance of its businesses. Forward looking statements can generally be identified by the use of forward-looking words such as 'expect', 'anticipate', 'likely', 'intend', 'should', 'could', 'may', 'predict', 'plan', 'propose', 'will', 'believe', 'forecast', 'estimate', 'target' and other similar expressions within the meaning of securities laws of applicable jurisdictions. Indications of, and guidance on, future earnings or financial position or performance are also forward-looking statements.

Forward looking statements involve inherent risks and uncertainties, both general and specific, and there is a risk that such predictions, forecasts, projections and other forward-looking statements will not be achieved. Forward looking statements are provided as a general guide only and should not be relied on as an indication or guarantee of future performance. Forward looking statements involve known and unknown risks, uncertainty and other factors which can cause the Company's actual results to differ materially from the plans, objectives, expectations, estimates and intentions expressed in such forward-looking statements and many of these factors are outside the control of the Company. As such, undue reliance should not be placed on any forward-looking statement. Past performance is not necessarily a guide to future performance and no representation or warranty is made by any person as to the likelihood of achievement or reasonableness of any forward-looking statements, forecast financial information or other forecast. Nothing contained in this announcement nor any information made available to you is, or shall be relied upon as, a promise, representation, warranty or guarantee as to the past, present or the future performance of the Company.

Except as required by law or the ASX Listing Rules, the Company assumes no obligation to provide any additional or updated information or to update any forward-looking statements, whether as a result of new information, future events or results, or otherwise.

Appendix 1

Collar Table for holes MO22DD015, MO22DD016 and MO22DD019 to MO22DD021

Drill Hole_ID	Drilling Method	Section Line	Easting (mE) *	Northing (mN) *	Elevation (m)*	Datum	Zone	Dip (degrees)	Azimuth (mag degrees)	EOH (m)
MO22DD015	DDH	7600	542530	9189945	645	WGS84	35S	-75	330	347
MO22DD016	DDH	7800	542748	9189962	645	WGS84	35S	-75	330	482.1
MO22DD019	DDH	8100	542945	9190225	640	WGS84	35S	-55	330	220.7
MO22DD020	DDH	8200	542928	9190456	638	WGS84	35S	-60	330	137.7
MO22DD021	DDH	7700	542638	9189945	640	WGS84	35S	-90	360	434.5

* *Hole co-ordinates and elevations collected by handheld GPS. Final survey co-ordinate data to be collated at the end of the drill programme.*

Appendix 2

Down-hole Survey Table MO22DD015, MO22DD016 and MO22DD019 to MO22DD021

Hole_ID	Depth (m)	Azimuth (deg)	Inclination (deg)		Hole_ID	Depth (m)	Azimuth (deg)	Inclination (deg)
MO22DD015	0	330	-75		MO22DD019	90	331	-53.9
MO22DD015	30	340	-75		MO22DD019	120	333	-53
MO22DD015	60	340	-74.4		MO22DD019	150	334	-51
MO22DD015	90	339.4	-74.4		MO22DD019	180	334	-51.1
MO22DD015	120	343	-75		MO22DD019	210	334	-52
MO22DD015	150	343.1	-75.1		MO22DD019	220	334	-51.2
MO22DD015	180	342.9	-74.9					
MO22DD015	210	341.2	-75.1		MO22DD020	0	330	-60
MO22DD015	240	341.1	-75.5		MO22DD020	30	333.9	-58.6
MO22DD015	270	343.8	-75.7		MO22DD020	60	333.1	-58.4
MO22DD015	300	343.7	-75.7		MO22DD020	90	334	-59
MO22DD015	347	344.2	-75.8		MO22DD020	120	332.9	-58.5
					MO22DD020	137	334.7	-58.1
MO22DD016	0	330	-75					
MO22DD016	30	330.5	-76.7		MO22DD021	0	330	-90
MO22DD016	60	331.7	-76.7		MO22DD021	30	22.8	-88.8
MO22DD016	90	328.2	-77.1		MO22DD021	60	69.3	-89
MO22DD016	120	329.4	-77.5		MO22DD021	90	75.6	-89.4
MO22DD016	150	330.8	-76.9		MO22DD021	120	73.6	-88.6
MO22DD016	180	331	-76.8		MO22DD021	150	51.9	-88.8
MO22DD016	210	331.8	-76.7		MO22DD021	180	89.6	-88.3
MO22DD016	240	334.2	-77.1		MO22DD021	210	105.3	-88.7
MO22DD016	270	333.9	-76.9		MO22DD021	240	50.6	-88.6
MO22DD016	300	335.1	-77		MO22DD021	270	50.5	-88.8
MO22DD016	330	335.7	-76.7		MO22DD021	300	50.3	-89.1
MO22DD016	360	333.9	-76.6		MO22DD021	330	101.9	-88.8
MO22DD016	390	338.2	-76.7		MO22DD021	360	75.4	-89
MO22DD016	420	337.8	-77.9		MO22DD021	390	91.6	-88.9
MO22DD016	450	332.9	-78.6		MO22DD021	420	72.7	-87.6
MO22DD016	482	332.8	-79.4		MO22DD021	434	65.8	-87.8
MO22DD019	0	330	-55					
MO22DD019	30	332	-55					
MO22DD019	60	331	-54.3					
MO22DD019	90	331	-53.9					
MO22DD019	120	333	-53					
MO22DD019	150	334	-51					
MO22DD019	180	334	-51.1					
MO22DD019	210	334	-52					
MO22DD019	220	334	-51.2					
MO22DD019	30	331	-54.3					
MO22DD019	60	330	-55					

Appendix 3

Assay Results for holes MO22DD015, MO22DD016 and MO22DD019 to MO22DD021

Drill Hole ID	From (m)	To (m)	Lithology	Sample_ ID	Li2O (%)	Sn (ppm)
MO22DD015	-	1.20	HMs			
MO22DD015	1.20	1.50	Core Loss			
MO22DD015	1.50	5.80	HMs			
MO22DD015	5.80	6.00	Core Loss			
MO22DD015	6.00	8.90	HMs			
MO22DD015	8.90	9.00	Core Loss			
MO22DD015	9.00	16.30	HMs			
MO22DD015	16.30	16.50	Core Loss			
MO22DD015	16.50	17.90	HMs			
MO22DD015	17.90	18.00	Core Loss			
MO22DD015	18.00	18.90	HMs			
MO22DD015	18.90	19.50	Core Loss			
MO22DD015	19.50	19.82	HMs			
MO22DD015	19.82	20.00	Grs			
MO22DD015	20.00	21.00	Core loss			
MO22DD015	21.00	21.80	Peg	60001	0.235	806
MO22DD015	21.80	22.50	Core loss			
MO22DD015	22.50	23.10	Peg	60002	2.530	635
MO22DD015	23.10	25.00	Peg	60003	0.684	493
MO22DD015	25.00	27.00	Peg	60004	1.640	977
MO22DD015	27.00	29.00	Peg	60005	2.010	1030
MO22DD015	29.00	31.00	Peg	60006	1.020	1215
MO22DD015	31.00	33.00	Peg	60007	1.965	1200
MO22DD015	33.00	33.80	Peg	60008	2.050	883
MO22DD015	33.80	34.00	Core loss			
MO22DD015	34.00	36.00	Peg	60009	1.435	968
MO22DD015	36.00	38.00	Peg	60011	2.910	864
MO22DD015	38.00	40.00	Peg	60012	2.130	2030
MO22DD015	40.00	42.00	Peg	60013	1.525	667
MO22DD015	42.00	44.00	Peg	60014	2.900	890
MO22DD015	44.00	46.00	Peg	60016	1.220	824
MO22DD015	46.00	48.00	Peg	60017	1.735	957
MO22DD015	48.00	50.00	Peg	60018	1.750	901
MO22DD015	50.00	52.00	Peg	60019	2.260	994
MO22DD015	52.00	54.00	Peg	60020	1.635	1040
MO22DD015	54.00	56.00	Peg	60021	2.060	1625
MO22DD015	56.00	58.00	Peg	60022	1.940	1690
MO22DD015	58.00	60.00	Peg	60023	1.745	1425
MO22DD015	60.00	62.00	Peg	60024	1.535	1460
MO22DD015	62.00	64.00	Peg	60026	1.920	1280
MO22DD015	64.00	66.00	Peg	60027	1.730	1110
MO22DD015	66.00	68.00	Peg	60028	1.880	1050
MO22DD015	68.00	70.00	Peg	60029	1.570	719
MO22DD015	70.00	72.00	Peg	60031	1.850	952
MO22DD015	72.00	74.00	Peg	60032	1.980	969
MO22DD015	74.00	76.00	Peg	60033	2.570	692
MO22DD015	76.00	78.00	Peg	60034	1.460	880
MO22DD015	78.00	80.00	Peg	60036	1.615	686
MO22DD015	80.00	82.00	Peg	60037	1.850	620

MO22DD015	82.00	84.00	Peg	60038	1.310	817
MO22DD015	84.00	86.00	Peg	60039	1.920	632
MO22DD015	86.00	88.00	Peg	60040	1.850	902
MO22DD015	88.00	90.00	Peg	60041	2.300	580
MO22DD015	90.00	92.00	Peg	60042	2.740	669
MO22DD015	92.00	94.00	Peg	60043	0.713	376
MO22DD015	94.00	96.00	Peg	60044	1.215	840
MO22DD015	96.00	98.00	Peg	60045	1.465	911
MO22DD015	98.00	100.00	Peg	60046	2.050	2720
MO22DD015	100.00	102.00	Peg	60047	0.433	616
MO22DD015	102.00	104.00	Peg	60048	0.644	781
MO22DD015	104.00	106.00	Peg	60049	0.514	686
MO22DD015	106.00	108.00	Peg	60051	0.159	659
MO22DD015	108.00	110.00	Peg	60052	0.992	466
MO22DD015	110.00	112.00	Peg	60053	0.990	623
MO22DD015	112.00	114.00	Peg	60054	2.290	848
MO22DD015	114.00	116.00	Peg	60056	1.830	1600
MO22DD015	116.00	118.00	Peg	60057	1.505	731
MO22DD015	118.00	120.00	Peg	60058	2.730	441
MO22DD015	120.00	122.00	Peg	60059	2.080	224
MO22DD015	122.00	124.00	Peg	60060	1.155	177
MO22DD015	124.00	126.00	Peg	60061	3.230	473
MO22DD015	126.00	128.00	Peg	60062	1.725	329
MO22DD015	128.00	130.00	Peg	60063	1.505	256
MO22DD015	130.00	132.00	Peg	60064	0.342	118
MO22DD015	132.00	134.00	Peg	60066	1.190	206
MO22DD015	134.00	135.85	Peg	60067	1.105	507
MO22DD015	135.85	137.85	HMs	60068	0.575	277
MO22DD015	137.85	143.43	HMs			
MO22DD015	143.43	143.63	Qv			
MO22DD015	143.63	144.57	HMs			
MO22DD015	144.57	146.57	HMs	60069	0.592	181
MO22DD015	146.57	147.15	Grs	60071	0.080	252
MO22DD015	147.15	149.00	Peg	60072	1.155	1265
MO22DD015	149.00	151.00	Peg	60073	1.280	5410
MO22DD015	151.00	153.00	Peg	60074	1.825	798
MO22DD015	153.00	153.75	Peg	60076	1.860	590
MO22DD015	153.75	154.15	Grs	60077	0.527	618
MO22DD015	154.15	156.15	HMs	60078	0.456	98
MO22DD015	156.15	157.20	HMs	60079	0.504	112
MO22DD015	157.20	159.00	Peg	60080	0.842	2470
MO22DD015	159.00	161.00	Peg	60081	1.670	791
MO22DD015	161.00	163.00	Peg	60082	1.765	439
MO22DD015	163.00	165.00	Peg	60083	1.835	1240
MO22DD015	165.00	167.00	Peg	60084	1.985	833
MO22DD015	167.00	169.00	Peg	60085	1.850	2480
MO22DD015	169.00	171.00	Peg	60086	0.827	233
MO22DD015	171.00	173.00	Peg	60087	0.601	361
MO22DD015	173.00	175.00	Peg	60088	2.480	459
MO22DD015	175.00	177.00	Peg	60089	2.200	178
MO22DD015	177.00	179.00	Peg	60091	1.730	335
MO22DD015	179.00	181.00	Peg	60092	1.470	457
MO22DD015	181.00	183.00	Peg	60093	0.840	662
MO22DD015	183.00	185.00	Peg	60094	0.583	418
MO22DD015	185.00	187.00	Peg	60096	1.885	633

MO22DD015	187.00	189.00	Peg	60097	0.911	412
MO22DD015	189.00	191.00	Peg	60098	1.840	362
MO22DD015	191.00	193.00	Peg	60099	1.540	867
MO22DD015	193.00	195.00	Peg	60100	0.863	799
MO22DD015	195.00	197.00	Peg	60101	0.813	707
MO22DD015	197.00	199.00	Peg	60102	1.130	1115
MO22DD015	199.00	201.00	Peg	60103	1.000	1160
MO22DD015	201.00	203.00	Peg	60104	1.325	1035
MO22DD015	203.00	205.00	Peg	60106	2.260	1035
MO22DD015	205.00	207.00	Peg	60107	2.630	325
MO22DD015	207.00	209.00	Peg	60108	2.300	218
MO22DD015	209.00	211.00	Peg	60109	0.960	302
MO22DD015	211.00	213.50	Peg	60111	1.755	954
MO22DD015	213.50	214.00	Core loss			
MO22DD015	214.00	216.00	Peg	60112	0.824	1045
MO22DD015	216.00	218.00	Peg	60113	0.534	1185
MO22DD015	218.00	220.00	Peg	60114	1.110	1000
MO22DD015	220.00	222.00	Peg	60116	1.815	545
MO22DD015	222.00	224.00	Peg	60117	1.665	884
MO22DD015	224.00	226.00	Peg	60118	1.805	672
MO22DD015	226.00	228.00	Peg	60119	1.840	728
MO22DD015	228.00	230.00	Peg	60120	1.985	729
MO22DD015	230.00	232.00	Peg	60121	1.370	857
MO22DD015	232.00	234.00	Peg	60122	1.545	891
MO22DD015	234.00	236.00	Peg	60123	1.015	689
MO22DD015	236.00	238.00	Peg	60124	1.565	580
MO22DD015	238.00	240.00	Peg	60125	1.620	730
MO22DD015	240.00	242.00	Peg	60126	2.200	765
MO22DD015	242.00	244.00	Peg	60127	1.050	512
MO22DD015	244.00	246.00	Peg	60128	1.915	777
MO22DD015	246.00	248.00	Peg	60129	1.165	423
MO22DD015	248.00	250.00	Peg	60131	2.330	728
MO22DD015	250.00	252.00	Peg	60132	1.605	633
MO22DD015	252.00	254.00	Peg	60133	1.680	583
MO22DD015	254.00	256.00	Peg	60134	2.320	416
MO22DD015	256.00	258.00	Peg	60136	2.600	464
MO22DD015	258.00	260.00	Peg	60137	1.840	672
MO22DD015	260.00	262.00	Peg	60138	1.575	768
MO22DD015	262.00	264.00	Peg	60139	1.955	957
MO22DD015	264.00	266.00	Peg	60140	2.020	382
MO22DD015	266.00	268.00	Peg	60141	0.789	248
MO22DD015	268.00	270.00	Peg	60142	1.535	534
MO22DD015	270.00	272.00	Peg	60143	0.702	101
MO22DD015	272.00	274.00	Peg	60144	0.705	93
MO22DD015	274.00	276.00	Peg	60146	1.445	148
MO22DD015	276.00	278.00	Peg	60147	1.925	1550
MO22DD015	278.00	280.00	Peg	60148	1.260	214
MO22DD015	280.00	282.00	Peg	60149	0.890	154
MO22DD015	282.00	284.00	Peg	60151	1.830	135
MO22DD015	284.00	286.00	Peg	60152	1.005	141
MO22DD015	286.00	288.00	Peg	60153	0.886	137
MO22DD015	288.00	290.00	Peg	60154	1.750	132
MO22DD015	290.00	292.00	Peg	60156	1.385	159
MO22DD015	292.00	294.00	Peg	60157	1.485	153
MO22DD015	294.00	296.00	Peg	60158	2.540	171

MO22DD015	296.00	298.00	Peg	60159	1.680	164
MO22DD015	298.00	300.00	Peg	60160	1.350	263
MO22DD015	300.00	302.00	Peg	60161	1.840	498
MO22DD015	302.00	304.00	Peg	60162	2.160	682
MO22DD015	304.00	306.00	Peg	60163	2.170	744
MO22DD015	306.00	308.00	Peg	60164	1.870	912
MO22DD015	308.00	310.00	Peg	60165	0.986	704
MO22DD015	310.00	312.00	Peg	60166	2.560	964
MO22DD015	312.00	314.00	Peg	60167	1.820	775
MO22DD015	314.00	316.00	Peg	60168	2.240	387
MO22DD015	316.00	318.00	Peg	60169	1.640	518
MO22DD015	318.00	320.00	Peg	60171	1.365	885
MO22DD015	320.00	322.00	Peg	60172	1.400	700
MO22DD015	322.00	324.00	Peg	60173	2.160	294
MO22DD015	324.00	326.00	Peg	60174	1.990	226
MO22DD015	326.00	328.00	Peg	60176	1.405	704
MO22DD015	328.00	330.00	Peg	60177	1.210	1420
MO22DD015	330.00	330.62	Peg	60178	0.392	1785
MO22DD015	330.62	331.36	Grs	60179	0.026	886
MO22DD015	331.36	333.36	HMs	60180	0.174	46
MO22DD015	333.36	335.36	HMSst	60181	0.217	21
MO22DD015	335.36	347.00				
MO22DD016	-	4.25	Core Loss			
MO22DD016	4.25	4.55	Qv			
MO22DD016	4.55	5.25	Core Loss			
MO22DD016	5.25	5.60	Qv			
MO22DD016	5.60	6.45	Lat			
MO22DD016	6.45	6.75	Core Loss			
MO22DD016	6.75	7.50	Qv			
MO22DD016	7.50	7.55	Lat			
MO22DD016	7.55	8.25	Core Loss			
MO22DD016	8.25	9.35	Lat			
MO22DD016	9.35	9.60	Core Loss			
MO22DD016	9.60	10.90	HMs			
MO22DD016	10.90	11.10	Core Loss			
MO22DD016	11.10	11.90	HMs			
MO22DD016	11.90	12.60	Core Loss			
MO22DD016	12.60	13.40	HMs			
MO22DD016	13.40	13.70	HMs			
MO22DD016	13.70	14.10	Core Loss			
MO22DD016	14.10	15.40	HMs			
MO22DD016	15.40	15.60	Core Loss			
MO22DD016	15.60	16.90	HMs			
MO22DD016	16.90	17.10	Core Loss			
MO22DD016	17.10	19.50	HMs			
MO22DD016	19.50	20.10	Core Loss			
MO22DD016	20.10	21.30	HMs			
MO22DD016	21.30	21.60	Core Loss			
MO22DD016	21.60	22.90	HMs			
MO22DD016	22.90	23.10	Core Loss			
MO22DD016	23.10	23.60	HMs			
MO22DD016	23.60	24.60	Core Loss			
MO22DD016	24.60	25.00	HMs			

MO22DD016	25.00	25.30	HMs			
MO22DD016	25.30	26.10	Core Loss			
MO22DD016	26.10	26.90	HMs			
MO22DD016	26.90	27.60	Core Loss			
MO22DD016	27.60	28.28	HMs			
MO22DD016	28.28	28.68	HMs			
MO22DD016	28.68	30.58	HMs			
MO22DD016	30.58	32.00	HMs			
MO22DD016	32.00	32.10	Core Loss			
MO22DD016	32.10	34.50	HMs			
MO22DD016	34.50	35.10	Core Loss			
MO22DD016	35.10	36.10	HMs			
MO22DD016	36.10	36.60	Core Loss			
MO22DD016	36.60	37.80	HMs			
MO22DD016	37.80	38.10	Core Loss			
MO22DD016	38.10	42.00	HMs			
MO22DD016	42.00	42.60	Core Loss			
MO22DD016	42.60	43.50	HMs			
MO22DD016	43.50	44.10	Core Loss			
MO22DD016	44.10	44.60	HMs			
MO22DD016	44.60	45.00	Core Loss			
MO22DD016	45.00	46.60	HMs			
MO22DD016	46.60	47.10	Core Loss			
MO22DD016	47.10	48.00	HMs			
MO22DD016	48.00	50.10	Core Loss			
MO22DD016	50.10	50.90	HMs			
MO22DD016	50.90	53.10	Core Loss			
MO22DD016	53.10	54.60	HMs			
MO22DD016	54.60	56.10	Core Loss			
MO22DD016	56.10	58.40	HMs			
MO22DD016	58.40	59.10	Core Loss			
MO22DD016	59.10	60.55	HMs			
MO22DD016	60.55	61.90	HMs			
MO22DD016	61.90	62.10	Core Loss			
MO22DD016	62.10	62.54	HMsbq			
MO22DD016	62.54	72.45	HMs			
MO22DD016	72.45	72.75	Qv			
MO22DD016	72.75	80.40	HMs			
MO22DD016	80.40	89.40	HMs			
MO22DD016	89.40	92.30	HMs			
MO22DD016	92.30	101.00	HMSst			
MO22DD016	101.00	100.83	HMs			
MO22DD016	100.83	102.83	HMs	60191	0.159	193
MO22DD016	102.83	103.96	Grs	60192	0.047	539
MO22DD016	103.96	106.00	Peg	60193	1.695	839
MO22DD016	106.00	108.00	Peg	60194	1.335	796
MO22DD016	108.00	110.00	Peg	60195	1.305	1055
MO22DD016	110.00	111.82	Peg	60196	1.330	650
MO22DD016	111.82	113.69	Hms	60197	0.295	191
MO22DD016	113.69	114.05	Grs	60198	0.080	1230
MO22DD016	114.05	116.00	Peg	60199	1.325	1910
MO22DD016	116.00	118.00	Peg	60201	1.765	178
MO22DD016	118.00	120.00	Peg	60202	1.535	290
MO22DD016	120.00	122.00	Peg	60203	2.430	341
MO22DD016	122.00	124.00	Peg	60204	0.631	293

MO22DD016	124.00	126.00	Peg	60206	0.464	143
MO22DD016	126.00	128.00	Peg	60207	0.586	244
MO22DD016	128.00	130.00	Peg	60208	1.495	193
MO22DD016	130.00	132.00	Peg	60209	1.640	284
MO22DD016	132.00	134.00	Peg	60210	1.950	210
MO22DD016	134.00	136.00	Peg	60211	0.149	117
MO22DD016	136.00	138.00	Peg	60212	0.372	198
MO22DD016	138.00	140.00	Peg	60213	0.758	958
MO22DD016	140.00	142.00	Peg	60214	1.455	300
MO22DD016	142.00	144.00	Peg	60216	1.445	420
MO22DD016	144.00	146.00	Peg	60217	0.832	392
MO22DD016	146.00	148.00	Peg	60218	0.550	358
MO22DD016	148.00	150.00	Peg	60219	0.943	320
MO22DD016	150.00	152.00	Peg	60221	0.100	402
MO22DD016	152.00	154.00	Peg	60222	1.045	221
MO22DD016	154.00	156.00	Peg	60223	0.459	333
MO22DD016	156.00	158.00	Peg	60224	0.185	1045
MO22DD016	158.00	160.00	Peg	60226	0.938	232
MO22DD016	160.00	162.00	Peg	60227	1.055	267
MO22DD016	162.00	164.00	Peg	60228	1.450	215
MO22DD016	164.00	166.00	Peg	60229	1.175	232
MO22DD016	166.00	168.00	Peg	60230	0.956	188
MO22DD016	168.00	170.00	Peg	60231	1.970	250
MO22DD016	170.00	172.00	Peg	60232	1.575	216
MO22DD016	172.00	174.00	Peg	60233	1.395	207
MO22DD016	174.00	176.00	Peg	60234	1.250	197
MO22DD016	176.00	178.00	Peg	60235	1.075	194
MO22DD016	178.00	180.00	Peg	60236	0.816	295
MO22DD016	180.00	182.00	Peg	60237	0.547	225
MO22DD016	182.00	184.00	Peg	60238	1.035	188
MO22DD016	184.00	186.00	Peg	60239	1.835	277
MO22DD016	186.00	188.00	Peg	60241	0.306	136
MO22DD016	188.00	190.00	Peg	60242	0.054	463
MO22DD016	190.00	192.00	Peg	60243	0.116	240
MO22DD016	192.00	194.00	Peg	60244	0.413	181
MO22DD016	194.00	196.00	Peg	60246	0.189	1235
MO22DD016	196.00	198.00	Peg	60247	0.170	247
MO22DD016	198.00	200.00	Peg	60248	0.411	322
MO22DD016	200.00	202.00	Peg	60249	0.271	238
MO22DD016	202.00	204.00	Peg	60250	0.349	243
MO22DD016	204.00	206.00	Peg	60251	0.026	138
MO22DD016	206.00	208.00	Peg	60252	0.009	221
MO22DD016	208.00	210.00	Peg	60253	0.017	251
MO22DD016	210.00	212.00	Peg	60254	0.037	148
MO22DD016	212.00	214.00	Peg	60256	0.026	98
MO22DD016	214.00	216.00	Peg	60257	0.041	116
MO22DD016	216.00	218.00	Peg	60258	0.075	176
MO22DD016	218.00	220.00	Peg	60259	0.077	205
MO22DD016	220.00	222.00	Peg	60261	0.054	121
MO22DD016	222.00	224.00	Peg	60262	0.054	162
MO22DD016	224.00	226.00	Peg	60263	0.155	179
MO22DD016	226.00	228.00	Peg	60264	0.099	134
MO22DD016	228.00	230.00	Peg	60266	0.353	185
MO22DD016	230.00	232.00	Peg	60267	1.235	120
MO22DD016	232.00	234.00	Peg	60268	0.695	188

MO22DD016	234.00	236.00	Peg	60269	0.071	204
MO22DD016	236.00	238.00	Peg	60270	0.028	203
MO22DD016	238.00	240.00	Peg	60271	0.013	196
MO22DD016	240.00	242.00	Peg	60272	0.018	301
MO22DD016	242.00	244.00	Peg	60273	0.013	131
MO22DD016	244.00	246.00	Peg	60274	0.019	268
MO22DD016	246.00	248.00	Peg	60275	0.013	195
MO22DD016	248.00	250.00	Peg	60276	0.482	290
MO22DD016	250.00	252.00	Peg	60277	0.345	212
MO22DD016	252.00	254.00	Peg	60278	0.234	221
MO22DD016	254.00	256.00	Peg	60279	0.673	143
MO22DD016	256.00	258.00	Peg	60281	0.447	102
MO22DD016	258.00	260.00	Peg	60282	0.587	118
MO22DD016	260.00	262.00	Peg	60283	0.607	91
MO22DD016	262.00	264.00	Peg	60284	1.000	155
MO22DD016	264.00	266.00	Peg	60286	0.656	220
MO22DD016	266.00	268.00	Peg	60287	2.440	233
MO22DD016	268.00	270.00	Peg	60288	0.056	188
MO22DD016	270.00	272.00	Peg	60289	0.598	259
MO22DD016	272.00	274.00	Peg	60290	0.664	199
MO22DD016	274.00	276.00	Peg	60291	1.285	330
MO22DD016	276.00	278.00	Peg	60292	1.610	264
MO22DD016	278.00	280.00	Peg	60293	0.043	507
MO22DD016	280.00	282.00	Peg	60294	0.154	131
MO22DD016	282.00	284.00	Peg	60296	0.043	165
MO22DD016	284.00	286.00	Peg	60297	0.033	169
MO22DD016	286.00	288.00	Peg	60298	0.028	151
MO22DD016	288.00	290.00	Peg	60299	0.076	218
MO22DD016	290.00	292.00	Peg	60301	0.051	132
MO22DD016	292.00	294.00	Peg	60302	0.029	137
MO22DD016	294.00	296.00	Peg	60303	0.083	218
MO22DD016	296.00	298.00	Peg	60304	0.025	186
MO22DD016	298.00	300.00	Peg	60306	0.004	246
MO22DD016	300.00	302.00	Peg	60307	0.006	247
MO22DD016	302.00	304.00	Peg	60308	0.006	551
MO22DD016	304.00	306.00	Peg	60309	0.002	204
MO22DD016	306.00	308.00	Peg	60310	0.004	295
MO22DD016	308.00	310.00	Peg	60311	0.003	259
MO22DD016	310.00	312.00	Peg	60312	0.012	293
MO22DD016	312.00	314.00	Peg	60313	0.298	538
MO22DD016	314.00	316.00	Peg	60314	0.082	635
MO22DD016	316.00	318.00	Peg	60315	0.661	645
MO22DD016	318.00	320.00	Peg	60316	1.200	206
MO22DD016	320.00	322.00	Peg	60317	1.500	242
MO22DD016	322.00	324.00	Peg	60318	1.425	131
MO22DD016	324.00	326.00	Peg	60319	0.747	134
MO22DD016	326.00	328.00	Peg	60321	1.855	432
MO22DD016	328.00	330.00	Peg	60322	1.765	462
MO22DD016	330.00	332.00	Peg	60323	1.130	184
MO22DD016	332.00	334.00	Peg	60324	1.530	106
MO22DD016	334.00	336.00	Peg	60326	1.310	114
MO22DD016	336.00	338.00	Peg	60327	1.750	81
MO22DD016	338.00	340.00	Peg	60328	1.815	147
MO22DD016	340.00	342.00	Peg	60329	1.125	138
MO22DD016	342.00	344.00	Peg	60330	1.030	107

MO22DD016	344.00	346.00	Peg	60331	1.285	87
MO22DD016	346.00	348.00	Peg	60332	2.530	158
MO22DD016	348.00	350.00	Peg	60333	0.558	114
MO22DD016	350.00	352.00	Peg	60334	0.643	477
MO22DD016	352.00	354.00	Peg	60336	1.660	395
MO22DD016	354.00	356.00	Peg	60337	0.725	501
MO22DD016	356.00	358.00	Peg	60338	1.885	352
MO22DD016	358.00	360.00	Peg	60339	1.500	437
MO22DD016	360.00	362.00	Peg	60341	1.795	678
MO22DD016	362.00	364.00	Peg	60342	1.570	605
MO22DD016	364.00	366.00	Peg	60343	0.332	536
MO22DD016	366.00	368.00	Peg	60344	0.335	267
MO22DD016	368.00	370.00	Peg	60346	0.272	239
MO22DD016	370.00	372.00	Peg	60347	0.774	186
MO22DD016	372.00	374.00	Peg	60348	1.090	411
MO22DD016	374.00	376.00	Peg	60349	1.025	430
MO22DD016	376.00	378.00	Peg	60350	0.087	144
MO22DD016	378.00	380.00	Peg	60351	1.500	287
MO22DD016	380.00	381.09	Peg	60352	0.100	790
MO22DD016	381.09	381.93	Grs	60353	0.025	2300
MO22DD016	381.93	384.00	Hms	60354	0.233	34
MO22DD016	384.00	397.25	HMs			
MO22DD016	397.25	398.10	Core loss			
MO22DD016	398.10	399.94	Hms	60355	0.283	51
MO22DD016	399.94	400.50	Grs	60356	0.045	215
MO22DD016	400.50	401.10	Core loss			
MO22DD016	401.10	402.31	Grs	60357	0.024	419
MO22DD016	402.31	403.60	Hms	60358	0.323	183
MO22DD016	403.60	404.10	Core loss			
MO22DD016	404.10	406.00	Hms	60359	0.256	100
MO22DD016	406.00	430.00	Hms			
MO22DD016	430.00	431.90	Hms	60361	0.267	52
MO22DD016	431.90	434.00	Peg	60362	0.980	2870
MO22DD016	434.00	436.00	Peg	60363	0.749	992
MO22DD016	436.00	438.00	Peg	60364	2.020	774
MO22DD016	438.00	440.00	Peg	60366	1.055	656
MO22DD016	440.00	440.45	Peg	60367	0.082	450
MO22DD016	440.45	442.45	Hms	60368	0.237	142
MO22DD016	442.45	444.45	Hms	60369	0.117	79
MO22DD016	444.45	457.00	HMs			
MO22DD016	457.00	461.25	Dol			
MO22DD016	461.25	462.74	HMsbq			
MO22DD016	462.74	478.00	Dol			
MO22DD016	478.00	480.09	HMs			
MO22DD016	480.09	482.10	HMsbq			
MO22DD019	-	3.20	Core Loss			
MO22DD019	3.20	3.60	SLK			
MO22DD019	3.60	3.70	HMs			
MO22DD019	3.70	4.70	Core Loss			
MO22DD019	4.70	5.50	HMs			
MO22DD019	5.50	6.20	Core Loss			
MO22DD019	6.20	6.90	HMs			
MO22DD019	6.90	7.00	Grs			
MO22DD019	7.00	7.60	Grs	60381	0.050	417

MO22DD019	7.60	7.70	Core loss			
MO22DD019	7.70	9.00	Peg	60382	0.065	395
MO22DD019	9.00	9.20	Core loss			
MO22DD019	9.20	9.95	Peg	60383	0.110	914
MO22DD019	9.95	11.69	Core loss			
MO22DD019	11.69	12.50	Peg	60384	0.112	1375
MO22DD019	12.50	13.70	Core loss			
MO22DD019	13.70	14.90	Peg	60385	0.097	380
MO22DD019	14.90	15.20	Core loss			
MO22DD019	15.20	16.50	Peg	60386	0.129	351
MO22DD019	16.50	16.70	Core loss			
MO22DD019	16.70	17.20	Peg	60387	0.121	413
MO22DD019	17.20	18.20	Core loss			
MO22DD019	18.20	19.35	Peg	60388	0.136	631
MO22DD019	19.35	19.70	Core loss			
MO22DD019	19.70	20.50	Peg	60389	0.095	708
MO22DD019	20.50	21.20	Core loss			
MO22DD019	21.20	22.20	Peg	60391	0.192	609
MO22DD019	22.20	22.70	Core loss			
MO22DD019	22.70	23.00	Peg	60392	0.080	680
MO22DD019	23.00	23.70	Core loss			
MO22DD019	23.70	25.00	Peg	60393	2.010	912
MO22DD019	25.00	26.70	Peg	60394	1.625	833
MO22DD019	26.70	28.00	Peg	60396	1.040	819
MO22DD019	28.00	30.00	Peg	60397	1.385	1125
MO22DD019	30.00	31.15	Peg	60398	1.945	593
MO22DD019	31.15	31.70	Core loss			
MO22DD019	31.70	33.00	Peg	60399	2.090	1850
MO22DD019	33.00	35.00	Peg	60400	1.340	632
MO22DD019	35.00	37.00	Peg	60401	2.540	1060
MO22DD019	37.00	39.00	Peg	60402	1.285	606
MO22DD019	39.00	41.00	Peg	60403	0.891	625
MO22DD019	41.00	43.00	Peg	60404	1.490	1120
MO22DD019	43.00	45.00	Peg	60406	1.165	1055
MO22DD019	45.00	47.00	Peg	60407	1.390	594
MO22DD019	47.00	49.00	Peg	60408	1.100	776
MO22DD019	49.00	51.00	Peg	60409	2.380	434
MO22DD019	51.00	53.00	Peg	60411	2.540	418
MO22DD019	53.00	55.00	Peg	60412	3.070	479
MO22DD019	55.00	57.00	Peg	60413	1.585	423
MO22DD019	57.00	59.00	Peg	60414	1.895	3300
MO22DD019	59.00	61.00	Peg	60416	2.140	291
MO22DD019	61.00	63.00	Peg	60417	1.055	558
MO22DD019	63.00	65.00	Peg	60418	2.390	794
MO22DD019	65.00	67.00	Peg	60419	0.523	374
MO22DD019	67.00	69.00	Peg	60420	0.547	901
MO22DD019	69.00	71.00	Peg	60421	0.127	371
MO22DD019	71.00	73.00	Peg	60422	1.405	1230
MO22DD019	73.00	75.00	Peg	60423	1.775	701
MO22DD019	75.00	77.30	Peg	60424	1.870	556
MO22DD019	77.30	79.00	Peg	60425	1.855	851
MO22DD019	79.00	81.00	Peg	60426	0.812	840
MO22DD019	81.00	83.00	Peg	60427	2.130	325
MO22DD019	83.00	85.00	Peg	60428	1.535	664
MO22DD019	85.00	87.00	Peg	60429	1.455	1010

MO22DD019	87.00	89.00	Peg	60431	1.425	768
MO22DD019	89.00	91.00	Peg	60432	1.685	3340
MO22DD019	91.00	93.00	Peg	60433	1.710	336
MO22DD019	93.00	95.00	Peg	60434	0.900	1905
MO22DD019	95.00	97.00	Peg	60436	2.310	884
MO22DD019	97.00	99.00	Peg	60437	1.895	1980
MO22DD019	99.00	101.00	Peg	60438	2.660	706
MO22DD019	101.00	103.00	Peg	60439	1.310	1570
MO22DD019	103.00	105.00	Peg	60440	2.620	863
MO22DD019	105.00	107.00	Peg	60441	2.990	549
MO22DD019	107.00	109.00	Peg	60442	2.110	804
MO22DD019	109.00	111.00	Peg	60443	1.340	423
MO22DD019	111.00	113.00	Peg	60444	1.980	950
MO22DD019	113.00	115.00	Peg	60446	2.010	899
MO22DD019	115.00	117.00	Peg	60447	2.590	850
MO22DD019	117.00	119.00	Peg	60448	1.725	850
MO22DD019	119.00	121.00	Peg	60449	1.800	250
MO22DD019	121.00	123.00	Peg	60451	2.050	543
MO22DD019	123.00	125.00	Peg	60452	0.887	1260
MO22DD019	125.00	127.00	Peg	60453	1.880	916
MO22DD019	127.00	129.00	Peg	60454	1.630	1165
MO22DD019	129.00	131.00	Peg	60456	1.985	697
MO22DD019	131.00	133.00	Peg	60457	1.375	1040
MO22DD019	133.00	135.00	Peg	60458	2.110	1480
MO22DD019	135.00	137.00	Peg	60459	2.230	491
MO22DD019	137.00	139.00	Peg	60460	1.810	1170
MO22DD019	139.00	141.00	Peg	60461	1.725	526
MO22DD019	141.00	143.00	Peg	60462	2.000	793
MO22DD019	143.00	145.00	Peg	60463	1.860	2160
MO22DD019	145.00	147.00	Peg	60464	2.310	724
MO22DD019	147.00	149.00	Peg	60465	0.818	860
MO22DD019	149.00	151.00	Peg	60466	1.430	746
MO22DD019	151.00	153.00	Peg	60467	1.050	1045
MO22DD019	153.00	155.00	Peg	60468	0.831	526
MO22DD019	155.00	157.00	Peg	60469	1.520	491
MO22DD019	157.00	159.00	Peg	60471	1.925	524
MO22DD019	159.00	161.00	Peg	60472	2.350	1700
MO22DD019	161.00	163.00	Peg	60473	1.775	651
MO22DD019	163.00	165.00	Peg	60474	1.580	724
MO22DD019	165.00	167.00	Peg	60476	1.420	1015
MO22DD019	167.00	169.00	Peg	60477	1.890	1620
MO22DD019	169.00	171.00	Peg	60478	1.570	634
MO22DD019	171.00	173.00	Peg	60479	2.420	547
MO22DD019	173.00	175.00	Peg	60480	1.285	1155
MO22DD019	175.00	177.00	Peg	60481	2.340	397
MO22DD019	177.00	179.00	Peg	60482	1.295	948
MO22DD019	179.00	181.00	Peg	60483	2.620	815
MO22DD019	181.00	183.00	Peg	60484	0.734	694
MO22DD019	183.00	185.00	Peg	60486	1.015	2680
MO22DD019	185.00	187.00	Peg	60487	1.270	1440
MO22DD019	187.00	189.00	Peg	60488	2.290	806
MO22DD019	189.00	191.00	Peg	60489	1.510	812
MO22DD019	191.00	193.00	Peg	60491	0.728	193
MO22DD019	193.00	195.00	Peg	60492	1.685	309
MO22DD019	195.00	197.00	Peg	60493	1.765	532

MO22DD019	197.00	199.00	Peg	60494	1.295	541
MO22DD019	199.00	200.00	Peg	60496	1.145	776
MO22DD019	200.00	201.07	Grs	60497	0.065	1035
MO22DD019	201.07	203.00	HMSst	60498	0.258	40
MO22DD019	203.00	205.00	HMSst	60499	0.314	22
MO22DD019	205.00	220.70	HMSst			
MO22DD020	-	1.20	PCLF			
MO22DD020	1.20	1.60	Peg	60511	0.215	1770
MO22DD020	1.60	1.70	Core loss			
MO22DD020	1.70	2.90	Peg	60512	0.394	790
MO22DD020	2.90	3.20	Core loss			
MO22DD020	3.20	4.10	Peg	60513	0.090	7290
MO22DD020	4.10	4.70	Core loss			
MO22DD020	4.70	6.00	Peg	60514	0.116	345
MO22DD020	6.00	7.10	Peg	60515	0.551	2500
MO22DD020	7.10	7.70	Core loss			
MO22DD020	7.70	9.00	Peg	60516	2.250	8350
MO22DD020	9.00	11.00	Peg	60517	2.350	732
MO22DD020	11.00	13.00	Peg	60518	0.725	317
MO22DD020	13.00	14.70	Peg	60519	1.890	411
MO22DD020	14.70	16.50	Peg	60521	0.979	725
MO22DD020	16.50	17.70	Core loss			
MO22DD020	17.70	19.00	Peg	60522	1.875	731
MO22DD020	19.00	21.00	Peg	60523	1.900	511
MO22DD020	21.00	23.00	Peg	60524	0.108	1445
MO22DD020	23.00	25.00	Peg	60526	0.041	505
MO22DD020	25.00	27.00	Peg	60527	0.493	523
MO22DD020	27.00	29.00	Peg	60528	1.915	330
MO22DD020	29.00	31.00	Peg	60529	1.060	1985
MO22DD020	31.00	33.00	Peg	60530	0.392	721
MO22DD020	33.00	35.00	Peg	60531	0.140	532
MO22DD020	35.00	37.00	Peg	60532	0.058	1060
MO22DD020	37.00	39.00	Peg	60533	0.329	853
MO22DD020	39.00	41.00	Peg	60534	0.308	828
MO22DD020	41.00	43.00	Peg	60536	0.086	1685
MO22DD020	43.00	45.00	Peg	60537	0.189	507
MO22DD020	45.00	47.00	Peg	60538	1.240	679
MO22DD020	47.00	49.00	Peg	60539	1.465	549
MO22DD020	49.00	51.00	Peg	60541	0.889	365
MO22DD020	51.00	53.00	Peg	60542	0.710	1090
MO22DD020	53.00	55.00	Peg	60543	1.720	418
MO22DD020	55.00	57.00	Peg	60544	1.890	1355
MO22DD020	57.00	59.00	Peg	60546	0.387	948
MO22DD020	59.00	61.00	Peg	60547	1.225	558
MO22DD020	61.00	63.00	Peg	60548	0.282	887
MO22DD020	63.00	65.00	Peg	60549	1.770	678
MO22DD020	65.00	67.00	Peg	60550	1.165	531
MO22DD020	67.00	69.00	Peg	60551	0.239	1615
MO22DD020	69.00	71.00	Peg	60552	0.848	623
MO22DD020	71.00	73.00	Peg	60553	0.121	668
MO22DD020	73.00	75.00	Peg	60554	1.280	273
MO22DD020	75.00	77.00	Peg	60555	0.911	204
MO22DD020	77.00	79.00	Peg	60556	0.149	332
MO22DD020	79.00	81.00	Peg	60557	0.807	1305

MO22DD020	81.00	83.00	Peg	60558	0.669	329
MO22DD020	83.00	85.00	Peg	60559	0.471	488
MO22DD020	85.00	87.00	Peg	60561	1.250	504
MO22DD020	87.00	87.73	Peg	60562	1.755	1385
MO22DD020	87.73	89.00	Grs	60563	0.024	203
MO22DD020	89.00	91.00	Grs	60564	0.065	268
MO22DD020	91.00	93.00	Hms	60566	0.170	56
MO22DD020	93.00	95.00	HMSst	60567	0.129	38
MO22DD020	95.00	137.70	HMSst			
MO22DD021	-	30.00	Core Loss			
MO22DD021	30.00	32.80	HMs			
MO22DD021	32.80	33.00	Core Loss			
MO22DD021	33.00	35.50	HMs			
MO22DD021	35.50	47.80	HMs			
MO22DD021	47.80	48.76	HMs			
MO22DD021	48.76	50.10	HMs			
MO22DD021	50.10	50.50	HMs			
MO22DD021	50.50	53.90	HMs			
MO22DD021	53.90	54.75	HMs			
MO22DD021	54.75	55.61	HMs			
MO22DD021	55.61	55.90	HMs			
MO22DD021	55.90	56.40	Core Loss			
MO22DD021	56.40	65.59	HMs			
MO22DD021	65.59	66.60	HMs			
MO22DD021	66.60	68.40	Core Loss			
MO22DD021	68.40	69.00	HMs			
MO22DD021	69.00	69.40	HMs			
MO22DD021	69.40	70.30	HMs			
MO22DD021	70.30	71.40	Core Loss			
MO22DD021	71.40	72.04	HMs			
MO22DD021	72.04	72.90	Peg	60581	0.067	398
MO22DD021	72.90	75.35	Peg	60582	1.905	254
MO22DD021	75.35	77.30	Peg	60583	1.315	583
MO22DD021	77.30	77.50	Core loss			
MO22DD021	77.50	79.00	Peg	60584	1.765	198
MO22DD021	79.00	81.00	Peg	60585	0.387	524
MO22DD021	81.00	83.00	Peg	60586	0.878	188
MO22DD021	83.00	85.00	Peg	60587	1.440	1430
MO22DD021	85.00	87.00	Peg	60588	1.860	271
MO22DD021	87.00	89.00	Peg	60589	1.425	1520
MO22DD021	89.00	91.00	Peg	60591	1.560	1425
MO22DD021	91.00	93.00	Peg	60592	1.860	1165
MO22DD021	93.00	95.00	Peg	60593	1.905	1385
MO22DD021	95.00	97.00	Peg	60594	1.760	962
MO22DD021	97.00	99.00	Peg	60596	1.460	1220
MO22DD021	99.00	101.00	Peg	60597	1.760	1205
MO22DD021	101.00	103.00	Peg	60598	1.580	1145
MO22DD021	103.00	105.00	Peg	60599	2.390	2010
MO22DD021	105.00	107.00	Peg	60600	1.660	639
MO22DD021	107.00	109.00	Peg	60601	0.908	535
MO22DD021	109.00	111.00	Peg	60602	1.105	327
MO22DD021	111.00	113.00	Peg	60603	1.270	256
MO22DD021	113.00	115.00	Peg	60604	1.070	278
MO22DD021	115.00	117.00	Peg	60606	0.973	713

MO22DD021	117.00	119.00	Peg	60607	1.210	167
MO22DD021	119.00	121.00	Peg	60608	2.690	186
MO22DD021	121.00	123.00	Peg	60609	1.165	1040
MO22DD021	123.00	125.00	Peg	60611	1.060	361
MO22DD021	125.00	127.00	Peg	60612	1.170	673
MO22DD021	127.00	129.00	Peg	60613	0.857	428
MO22DD021	129.00	131.00	Peg	60614	1.520	124
MO22DD021	131.00	133.00	Peg	60616	3.550	289
MO22DD021	133.00	135.00	Peg	60617	2.110	196
MO22DD021	135.00	137.00	Peg	60618	1.775	386
MO22DD021	137.00	139.00	Peg	60619	2.860	409
MO22DD021	139.00	141.00	Peg	60620	1.855	413
MO22DD021	141.00	143.00	Peg	60621	1.405	423
MO22DD021	143.00	145.00	Peg	60622	1.860	541
MO22DD021	145.00	147.00	Peg	60623	1.350	1460
MO22DD021	147.00	149.00	Peg	60624	1.285	243
MO22DD021	149.00	151.00	Peg	60625	1.820	327
MO22DD021	151.00	153.00	Peg	60626	2.010	279
MO22DD021	153.00	155.00	Peg	60627	2.010	289
MO22DD021	155.00	157.00	Peg	60628	1.935	341
MO22DD021	157.00	159.00	Peg	60629	1.280	616
MO22DD021	159.00	161.00	Peg	60631	1.580	537
MO22DD021	161.00	163.00	Peg	60632	2.090	225
MO22DD021	163.00	165.00	Peg	60633	0.288	73
MO22DD021	165.00	167.00	Peg	60634	2.160	248
MO22DD021	167.00	169.00	Peg	60636	2.450	229
MO22DD021	169.00	171.00	Peg	60637	1.620	2090
MO22DD021	171.00	173.00	Peg	60638	1.420	190
MO22DD021	173.00	175.00	Peg	60639	1.740	445
MO22DD021	175.00	177.00	Peg	60640	0.960	232
MO22DD021	177.00	179.00	Peg	60641	1.880	196
MO22DD021	179.00	181.00	Peg	60642	1.390	234
MO22DD021	181.00	183.00	Peg	60643	0.926	821
MO22DD021	183.00	185.00	Peg	60644	0.786	140
MO22DD021	185.00	187.00	Peg	60646	2.510	234
MO22DD021	187.00	189.00	Peg	60647	1.595	179
MO22DD021	189.00	191.00	Peg	60648	1.250	144
MO22DD021	191.00	193.00	Peg	60649	1.995	190
MO22DD021	193.00	195.00	Peg	60651	1.330	147
MO22DD021	195.00	197.00	Peg	60652	1.400	194
MO22DD021	197.00	199.00	Peg	60653	1.250	162
MO22DD021	199.00	201.00	Peg	60654	1.395	395
MO22DD021	201.00	203.00	Peg	60656	1.500	179
MO22DD021	203.00	205.00	Peg	60657	2.130	317
MO22DD021	205.00	207.00	Peg	60658	0.883	1090
MO22DD021	207.00	209.00	Peg	60659	2.310	222
MO22DD021	209.00	211.00	Peg	60660	2.070	180
MO22DD021	211.00	213.00	Peg	60661	1.940	164
MO22DD021	213.00	215.00	Peg	60662	1.960	244
MO22DD021	215.00	217.00	Peg	60663	2.050	172
MO22DD021	217.00	219.00	Peg	60664	2.960	216
MO22DD021	219.00	221.00	Peg	60665	1.780	206
MO22DD021	221.00	223.00	Peg	60666	2.460	247
MO22DD021	223.00	225.00	Peg	60667	2.850	190
MO22DD021	225.00	227.00	Peg	60668	2.160	193

MO22DD021	227.00	229.00	Peg	60669	1.105	153
MO22DD021	229.00	231.00	Peg	60671	1.630	212
MO22DD021	231.00	233.00	Peg	60672	2.440	178
MO22DD021	233.00	235.00	Peg	60673	1.970	247
MO22DD021	235.00	237.00	Peg	60674	2.250	296
MO22DD021	237.00	239.00	Peg	60676	2.230	253
MO22DD021	239.00	241.00	Peg	60677	1.905	391
MO22DD021	241.00	243.00	Peg	60678	2.530	213
MO22DD021	243.00	245.00	Peg	60679	1.375	189
MO22DD021	245.00	247.00	Peg	60680	1.960	112
MO22DD021	247.00	249.00	Peg	60681	2.080	138
MO22DD021	249.00	251.00	Peg	60682	1.525	198
MO22DD021	251.00	253.00	Peg	60683	1.740	190
MO22DD021	253.00	255.00	Peg	60684	1.995	125
MO22DD021	255.00	257.00	Peg	60686	2.750	124
MO22DD021	257.00	259.00	Peg	60687	2.520	141
MO22DD021	259.00	261.00	Peg	60688	3.010	153
MO22DD021	261.00	263.00	Peg	60689	1.265	263
MO22DD021	263.00	265.00	Peg	60691	2.160	221
MO22DD021	265.00	267.00	Peg	60692	3.190	199
MO22DD021	267.00	269.00	Peg	60693	1.905	232
MO22DD021	269.00	271.00	Peg	60694	1.725	140
MO22DD021	271.00	273.00	Peg	60696	1.275	167
MO22DD021	273.00	275.00	Peg	60697	2.280	522
MO22DD021	275.00	277.00	Peg	60698	1.555	227
MO22DD021	277.00	279.00	Peg	60699	0.819	244
MO22DD021	279.00	281.00	Peg	60700	0.397	174
MO22DD021	281.00	283.00	Peg	60701	1.815	321
MO22DD021	283.00	285.00	Peg	60702	0.795	197
MO22DD021	285.00	287.00	Peg	60703	2.560	262
MO22DD021	287.00	289.00	Peg	60704	2.050	237
MO22DD021	289.00	291.00	Peg	60705	0.461	239
MO22DD021	291.00	293.00	Peg	60706	0.957	265
MO22DD021	293.00	295.00	Peg	60707	1.840	187
MO22DD021	295.00	297.00	Peg	60708	0.991	270
MO22DD021	297.00	299.00	Peg	60709	2.530	222
MO22DD021	299.00	301.00	Peg	60711	1.555	228
MO22DD021	301.00	303.00	Peg	60712	1.885	165
MO22DD021	303.00	305.00	Peg	60713	1.715	114
MO22DD021	305.00	307.00	Peg	60714	0.805	105
MO22DD021	307.00	309.00	Peg	60716	1.290	351
MO22DD021	309.00	311.00	Peg	60717	1.655	290
MO22DD021	311.00	313.00	Peg	60718	1.865	177
MO22DD021	313.00	315.00	Peg	60719	2.220	142
MO22DD021	315.00	317.00	Peg	60720	2.720	164
MO22DD021	317.00	319.00	Peg	60721	2.460	493
MO22DD021	319.00	321.00	Peg	60722	1.610	134
MO22DD021	321.00	323.00	Peg	60723	1.910	113
MO22DD021	323.00	324.06	Peg	60724	3.470	197
MO22DD021	324.06	325.60	Grs	60726	0.177	292
MO22DD021	325.60	327.00	Peg	60727	1.715	201
MO22DD021	327.00	329.00	Peg	60728	3.270	128
MO22DD021	329.00	331.00	Peg	60729	2.430	203
MO22DD021	331.00	333.00	Peg	60731	1.420	169
MO22DD021	333.00	335.00	Peg	60732	0.982	196

MO22DD021	335.00	337.00	Peg	60733	1.905	188
MO22DD021	337.00	338.70	Peg	60734	1.470	276
MO22DD021	338.70	339.21	HMsbq	60736	0.196	480
MO22DD021	339.21	341.10	Peg	60737	0.097	204
MO22DD021	341.10	341.50	Core loss			
MO22DD021	341.50	343.00	Peg	60738	0.133	172
MO22DD021	343.00	345.00	Peg	60739	0.017	46
MO22DD021	345.00	347.00	Peg	60740	0.523	127
MO22DD021	347.00	349.00	Peg	60741	0.719	147
MO22DD021	349.00	351.00	Peg	60742	0.622	94
MO22DD021	351.00	353.00	Peg	60743	0.934	134
MO22DD021	353.00	355.00	Peg	60744	1.220	154
MO22DD021	355.00	357.00	Peg	60745	1.100	167
MO22DD021	357.00	359.00	Peg	60746	0.896	78
MO22DD021	359.00	361.00	Peg	60747	0.816	103
MO22DD021	361.00	363.00	Peg	60748	0.058	148
MO22DD021	363.00	365.00	Peg	60749	0.263	121
MO22DD021	365.00	367.00	Peg	60751	0.519	139
MO22DD021	367.00	369.00	Peg	60752	1.275	93
MO22DD021	369.00	371.00	Peg	60753	0.454	81
MO22DD021	371.00	373.00	Peg	60754	0.357	75
MO22DD021	373.00	375.00	Peg	60756	1.865	81
MO22DD021	375.00	377.00	Peg	60757	1.695	405
MO22DD021	377.00	379.00	Peg	60758	2.060	262
MO22DD021	379.00	381.00	Peg	60759	1.565	1115
MO22DD021	381.00	382.57	Peg	60760	0.704	442
MO22DD021	382.57	383.90	Grs	60761	0.189	360
MO22DD021	383.90	386.00	Peg	60762	0.919	591
MO22DD021	386.00	388.00	Peg	60763	1.300	760
MO22DD021	388.00	390.00	Peg	60764	1.025	982
MO22DD021	390.00	392.00	Peg	60766	1.540	748
MO22DD021	392.00	394.00	Peg	60767	1.455	663
MO22DD021	394.00	396.00	Peg	60768	1.270	1540
MO22DD021	396.00	398.00	Peg	60769	1.835	655
MO22DD021	398.00	400.00	Peg	60771	0.032	718
MO22DD021	400.00	402.00	Peg	60772	0.028	682
MO22DD021	402.00	404.00	Peg	60773	0.071	815
MO22DD021	404.00	406.00	Peg	60774	0.514	506
MO22DD021	406.00	408.00	Peg	60776	0.831	369
MO22DD021	408.00	410.00	Peg	60777	0.392	4210
MO22DD021	410.00	410.75	Peg	60778	0.868	2750
MO22DD021	410.75	413.00	Grs	60779	0.291	9970
MO22DD021	413.00	414.42	Grs	60780	0.019	10000
MO22DD021	414.42	416.00	Hms	60781	0.131	83
MO22DD021	416.00	416.23	Qv			
MO22DD021	416.23	434.50	Dol			

JORC 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.* • *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 (e.g. '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 (e.g. submarine nodules) may warrant disclosure of detailed information.*	• 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. • Supplementing the drilling data, surface samples were collected from outcrops, utilising channel sampling from trenches and point-source sampling of scattered outcrops. • 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. The Pegmatite has been sampled from the hanging wall contact continuously through to the footwall contact. In addition, the host-rocks extending 2 m from the contacts have also been sampled. • Diamond drilling has been used to obtain core samples which have then been cut longitudinally. Intervals submitted for assay have been determined according to geological boundaries. Samples were taken at nominal 1 to 2m intervals to account for geological boundaries. • The submitted half-core samples typically had a mass of 4 – 6 kg.
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 was completed using diamond core rigs with PQ used from surface to sample through to fresh-rock HQ and NQ sized drill rods used after the top-of-fresh-rock had been intersected. Most holes are angled between 50° and 75° and collared from surface into weathered bedrock. All holes were downhole surveyed using a digital multi-shot camera at about 30 m intervals.

Criteria	JORC Code explanation	Commentary
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *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.*	• Drill core recovery attained >97% in the Pegmatite. • Based upon the high recovery, AVZ did not have to implement additional measures to improve sample recovery and the drill core is considered representative and fit for sampling. • For the vast majority of drilling completed, core 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.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• Drill core was logged by qualified geologists using a data-logger and the logs were then uploaded into Geobank which is a part of the Micromine software system. The core was logged for geology and geotechnical properties (RQD & planar orientations). A complete copy of the data is held by an independent consultant. • All core was logged, and logging was by qualitative (lithology) and quantitative (RQD and structural features) methods. All core was also photographed both in dry and wet states, with the photographs stored in the database. • The entirety of all drillholes are logged for geological, mineralogical and geotechnical data.

Criteria	JORC Code explanation	Commentary
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.*	• Core is cut longitudinally, and half-core samples of a nominal 2m length are submitted for assay. • The current programme is diamond core drilling. • The sample preparation for drill core samples incorporates standard industry practice. The half-core samples have been prepared at the AVZ sample preparation facility on site at Manono. • At AVZ's onsite sample preparation facility the half-core samples of approximately 4-6 kg are oven dried, crushed to -2 mm with a 500g sub-ample being split out. This 500 g sub-sample is then pulverised to produce a pulp with 85% passing -75um size fraction. A 120g subsample is then split from this, the certified reference material, blanks and duplicates are inserted at appropriate intervals and then the complete sample batch is couriered to Australia for assay analysis. • Standard sub-sampling procedures are ALS Manono at all stages of sample preparation such that each sub-sample split is representative of the whole it was derived from. • Duplicate sampling was undertaken for the drilling programme. After half-core samples were crushed, an AVZ geologist took a split of the crushed sample which can if required be used as a field duplicate. The geologist placed the split into a pre-numbered bag which was then inserted into the sample stream. It is then processed further, along with all the other samples. The drilling produced PQ, HQ and NQ drill core, providing a representative sample of the Pegmatite which is coarse-grained. Sampling was mostly at 2m intervals, and the submitted half-core samples typically had a mass of 4-6 kg.

Criteria	JORC Code explanation	Commentary
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.* • *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 (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.*	• Diamond drillhole (core) samples were submitted to the onsite prep laboratory Manono (DRC) where they were crushed and pulverised to produce pulps. These pulps were couriered to Australia and analysed by ALS Laboratories in Perth, Western Australia using a sodium peroxide fusion of a 5g charge followed by digestion of the prill using dilute hydrochloric acid thence determination by AES or MS, i.e. methods ME-ICP89 and ME-MS91. • 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 mineralisation. • Sodium peroxide fusion is a total digest and considered the preferred method of assaying Pegmatite samples. • Geophysical instruments were not used in assessing the mineralisation. • For the drilling, AVZ incorporated standard QAQC 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, CRMs (standards), blanks and duplicates were inserted into the sampling stream. In addition, the laboratory (ALS Perth) incorporated its own internal QAQC procedures to monitor its assay results prior to release of results to AVZ. The Competent Person is satisfied that the results of the QAQC are acceptable and that the assay data from ALS is suitable for Mineral Resource estimation.

Criteria	JORC Code explanation	Commentary
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.*	• CSA Global (CSA) observed the mineralisation in the majority of cores on site, although no check assaying was completed by them. • CSA observed and photographed several collar positions in the field, along with rigs that were drilling at the time of the site visit. • Twinned holes for the verification of historical drilling, were not required. Short vertical historical holes were drilled within the pit but are neither accessible nor included within the database used to define the Mineral Resource. • Drilling data is stored on site as both hard and soft copy. Drilling data is validated onsite before being sent to data management consultants in Perth where the data is further validated. When results are received, they are loaded to the central database in Perth and shared with various stakeholders via the cloud. QC results are reviewed by both independent consultants and AVZ personnel at Manono. Hard copies of assay certificates are stored in AVZ's Perth offices. • AVZ has not adjusted 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.*	• For JORC 2012 resource estimation, the drillhole collars will be located by a registered surveyor using a Hi-Target V30 Trimble differential GPS or equivalent with an accuracy of +/- 0.02 m unless otherwise noted. • All holes were downhole surveyed using a digital multi-shot camera at approximately 30 m intervals. • For the purposes of geological modelling and estimation, the drillhole collars were projected onto this topographic surface. In most cases adjustments were within 1 m (in elevation). • Coordinates are relative to WGS 84 UTM Zone 35M.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *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.* • *Whether sample compositing has been applied.*	• Drillhole spacing was completed on sections 100 m apart, and collars were 50 to 100 m apart on section where possible. Given the coarse homogenous nature of the orebody this spacing is expected to generate Measured Resources.

Criteria	JORC Code explanation	Commentary
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.*	• The drillhole orientation is designed to intersect the Roche Dure Pegmatite at, or nearly at, 90° to the plane of the Pegmatite. • No material sampling bias exists due to drilling direction.
Sample security	• *The measures taken to ensure sample security.*	• The prepared samples (pulps) are sealed in a box and delivered by DHL to ALS Perth. • ALS issue a reconciliation of each sample batch, actual received vs documented dispatch. • The ALS Manono site preparation facility is managed by staff trained previously by ALS. Prepared samples are sealed in boxes and transported by air to ALS Lubumbashi and are accompanied by an AVZ employee, where export documentation and formalities are concluded. DHL couriers the samples to ALS in Perth.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• The sampling techniques were reviewed by the Competent Person during the site visit. • The Competent Person considers that the exploration work conducted by AVZ was carried out using appropriate techniques for the style of mineralisation at Roche Dure, and that the resulting database is suitable for Mineral Resource estimation.

Section 2 Reporting of Exploration Results

(Criteria listed in the previous 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 impediments to obtaining a licence to operate in the area.*	• The Manono licence was awarded as Research Permit PR13359, issued on the 28th December 2016 to La Congolaise d'Exploitation Miniere SA (Cominiere). It is valid for 5 years or to the lodging of a PE (Permite d'Exploitation) whichever comes first. On the 2nd February 2017, AVZ formed a joint-venture (JV) with Cominiere and Dathomir Mining Resources SARL (Dathomir) to become the majority partner in a JV aiming to explore and develop the Pegmatites contained within PR 13359. Ownership of the Manono Lithium Project is AVZ 75% and Cominiere 25%. • 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.
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 programme of drilling between 1949 and 1951. The drilling consisted of 42 vertical holes drilled to a general depth of around 50 - 60 m. Drilling was carried out on 12 sections at irregular intervals ranging from 50 - 300 m, and over a strike length of some 1,100 m. Drill spacing on the sections varied from 50 - 100 m. The drilling occurred in the Roche Dure 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 through a series of open pits over a total length of approximately 10 km excavated by Zairetain SPRL. More than 60 Mt of material was mined from three major pits and several subsidiary pits focused on the weathered upper portions of the Pegmatites. 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 programme, there has been very limited exploration work within the Manono region.

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 Belt is comprised of 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 million years ago) is assigned to the Katangan cycle and is associated with widespread vein and Pegmatite mineralisation 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-echelon arrangement in a linear zone more than 12 km 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.

Criteria	JORC Code explanation	Commentary
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:* o *easting and northing of the drill hole collar* o *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* o *dip and azimuth of the hole* o *down hole length and interception depth* o *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.*	• See table for collar, survey and assay data.
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.* • *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 assumptions used for any reporting of metal equivalent values should be clearly stated.*	• Intersections are reported as length-weighted grades within the logged Pegmatite. • No grade truncations were applied. • The majority of samples were taken at 2 m lengths. • No equivalent values are used or reported.
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 (e.g. 'down hole length, true width not known').*	• The majority of samples were taken at 2 m lengths. • There is no relationship between mineralisation width and grade. • The geometry of the mineralisation is reasonably well understood however the Pegmatite is not of uniform thickness nor orientation. Consequently, most drilling intersections do not represent the exact true thickness of the intersected Pegmatite, although intersections are reasonably close to true thickness in most cases.
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 relevant plans and sections are included in this document.
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.*	• All Pegmatite intersections for holes MO22DD015, MO22DD016 and MO22DD019 to MO22DD021 are reported.

Criteria	JORC Code explanation	Commentary
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.*	• No other exploration data is available. • Wide spaced reconnaissance drilling along with surface mapping and sampling is being used for geological understanding and future drill planning
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).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Diamond drill testing of the identified priority targets will be on-going.