



ASX ANNOUNCEMENT

12 April 2021

AVZ drills 180.0m* @ 1.80% Li₂O & 1,119ppm Sn from pit floor “wedge” at Roche Dure

Highlights

- Resource drilling at Roche Dure confirms further high-grade lithium and tin mineralisation directly beneath the historic pit floor
- All three holes were collared in fresh or slightly weathered pegmatite from the top of the hole
- Major intersections included:
 - 180.0m* @ 1.80% Li₂O & 1,119ppm Sn
 - 245.15m* @ 1.73% Li₂O & 926ppm Sn
 - 218.60m* @ 1.69% Li₂O & 1,152ppm Sn
- Isolated zones of high grade +2% Li₂O intersected in hole **MO21DD001** in section 7100mN and again near surface on section 7300mN, including **28m @ 2.08% Li₂O** in hole **MO20DD007**
- With the completion of this pit floor drilling at Roche Dure, and the receipt of all outstanding assays, a new resource estimate is now underway to update the previous May 2019 Mineral Resources

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

AVZ Minerals Limited (ASX: AVZ, “the Company” or “AVZ”) has received further strong results from its Mineral Resource drilling of the Manono Lithium and Tin Project (“Manono Project”) in the Democratic Republic of Congo.

The assay results come from the last three of the nine planned diamond drill holes at Roche Dure in previously undrilled areas beneath the historical pit which were previously inaccessible and under water during the earlier resource drilling programs.

AVZ’s Managing Director, Mr Nigel Ferguson, said: “The final assay results from these last three of the nine planned drillholes on the Roche Dure pit floor again show strong lithium mineralisation from the pit floor surface.”

“Additionally, drilling also reported higher grade portions developing within the northern portions of the orebody, and that these may even coalesce both up dip and along strike.”

“This may present as the start of a much higher-grade core which will need further investigation to determine the possibility of finding more significant tonnages of high-grade feedstock, apart from those at Carriere de L’Este, that could feed the plant in its early years of operation to shorten the pay-back period.”

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Market Cap

\$552M

ASX Code: AVZ

“Now these assays have been reported they will be merged with our current database and we will re-run the geological resource model to reclassify that portion of the pit floor which was previously modelled as waste due to the lack of drilling information.”

“Following on from the geology remodelling and coupled with the improvements to the plant design parameters, we will then check the previous mine design against the updated model to optimise the mine design, generate new ore reserves and revisit the DFS results.”

Results from the three holes are detailed in the table below:

Hole I.D.	Section (mN)	From (m)	To (m)	Intercept (m)	Li20 (%)	Sn (ppm)	Comments
MO21DD001	7100	6.40m	224.96	218.60	1.69	1,152	Includes 2.2m core loss
includes		11.15	20.0	8.85	2.04	518	
includes		77.0	96.0	19.0	2.03	1,119	
includes		101.0	109.0	8.0	2.29	1,309	
Includes		219.0	224.0	5.0	2.33	990	
MO20DD007	7300	11.45m	256.60	245.15	1.73	926	Includes 1.7m core loss
Includes		29.0	34.0	5.0	2.15	1,061	
Includes		57.0	62.0	5.0	2.31	854	
Includes		125.0	134.0	9.0	2.32	371	
Includes		148.0	176.0	28.0	2.08	621	
Includes		181.0	190.0	9.0	2.10	810	
Includes		228.0	243.0	15.0	2.11	1,143	
MO21DD008	7300	2.00m	182.0	180.00	1.80	1,119	Includes 0.3m core loss
Includes		30.0	52.0	22.0	2.04	1,166	
Includes		81.0	120.0	19.0	2.03	1,176	
Includes		156.0	173.0	17.0	2.28	935	

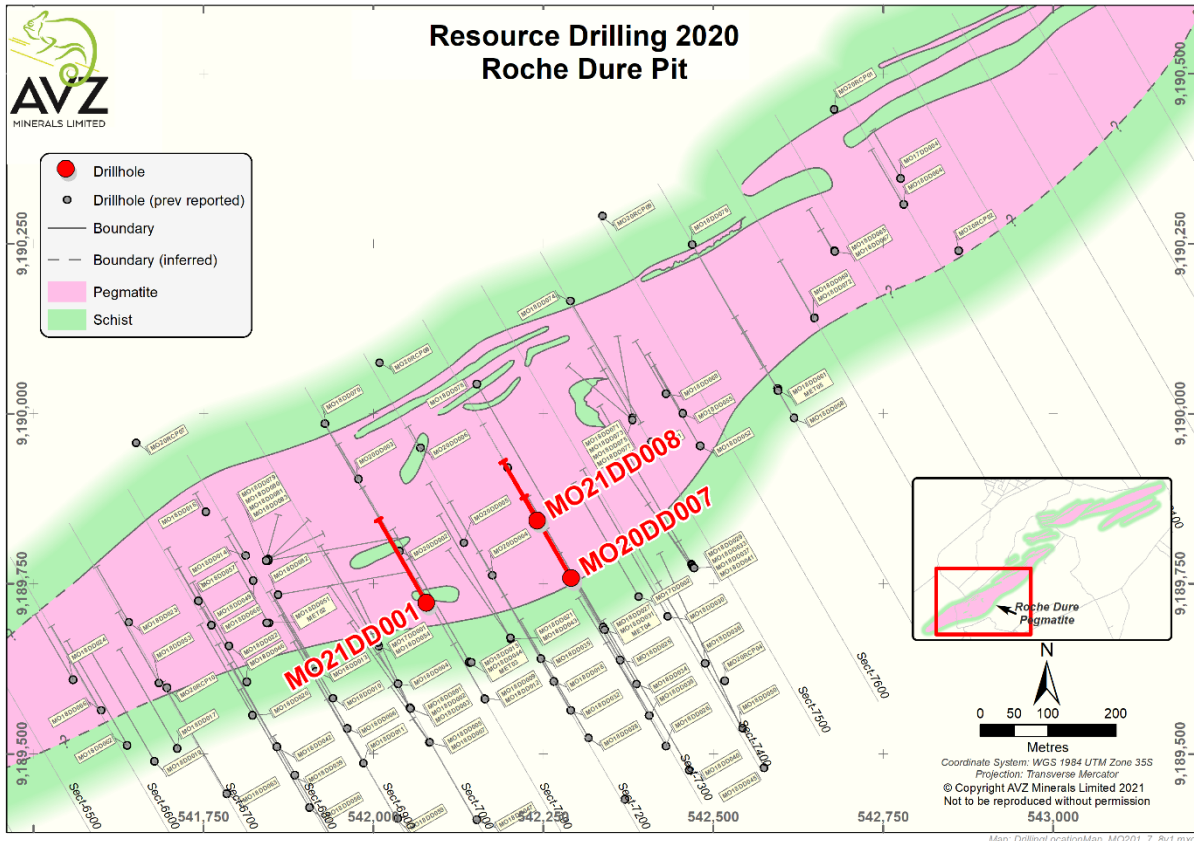


Figure 1: Locations of drillholes MO20DD007, MO21DD001 and MO21DD008

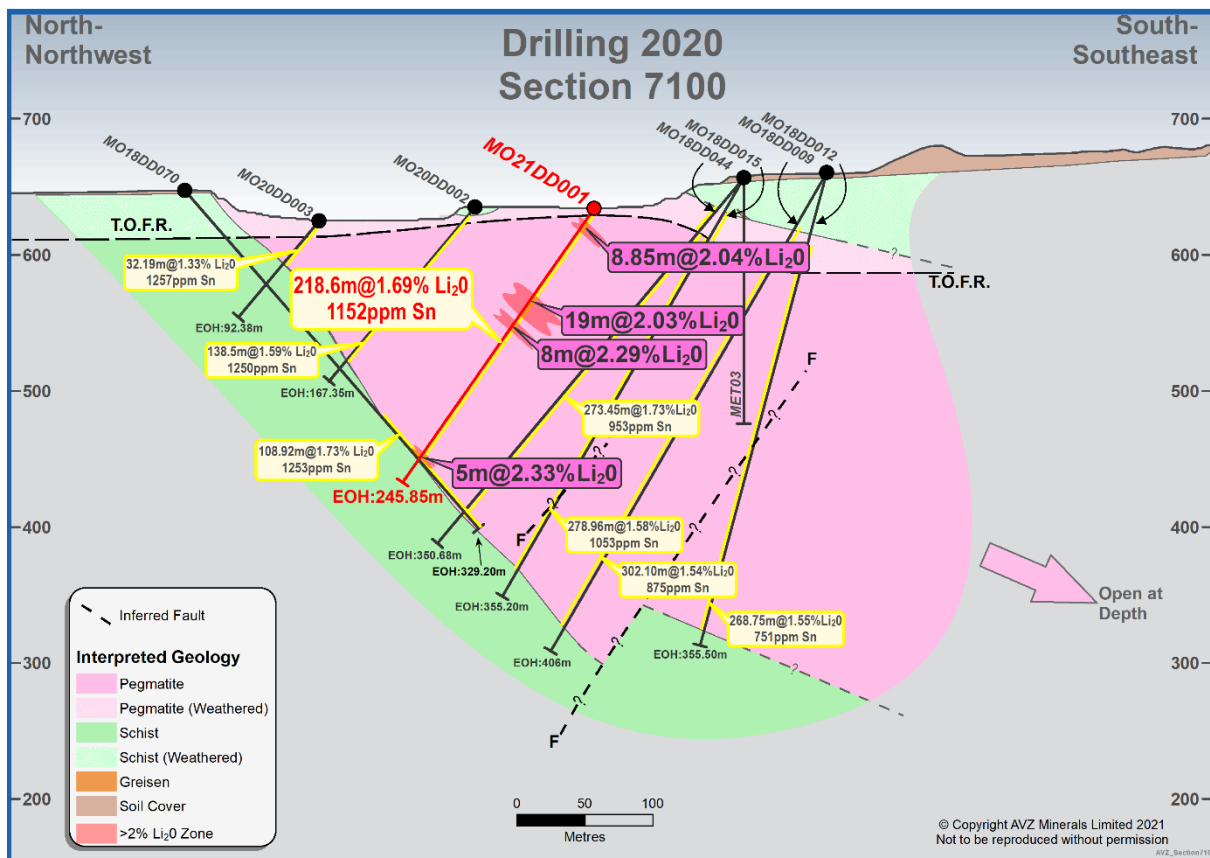


Figure 2: Intersections achieved by MO21DD001 on section 7100mN

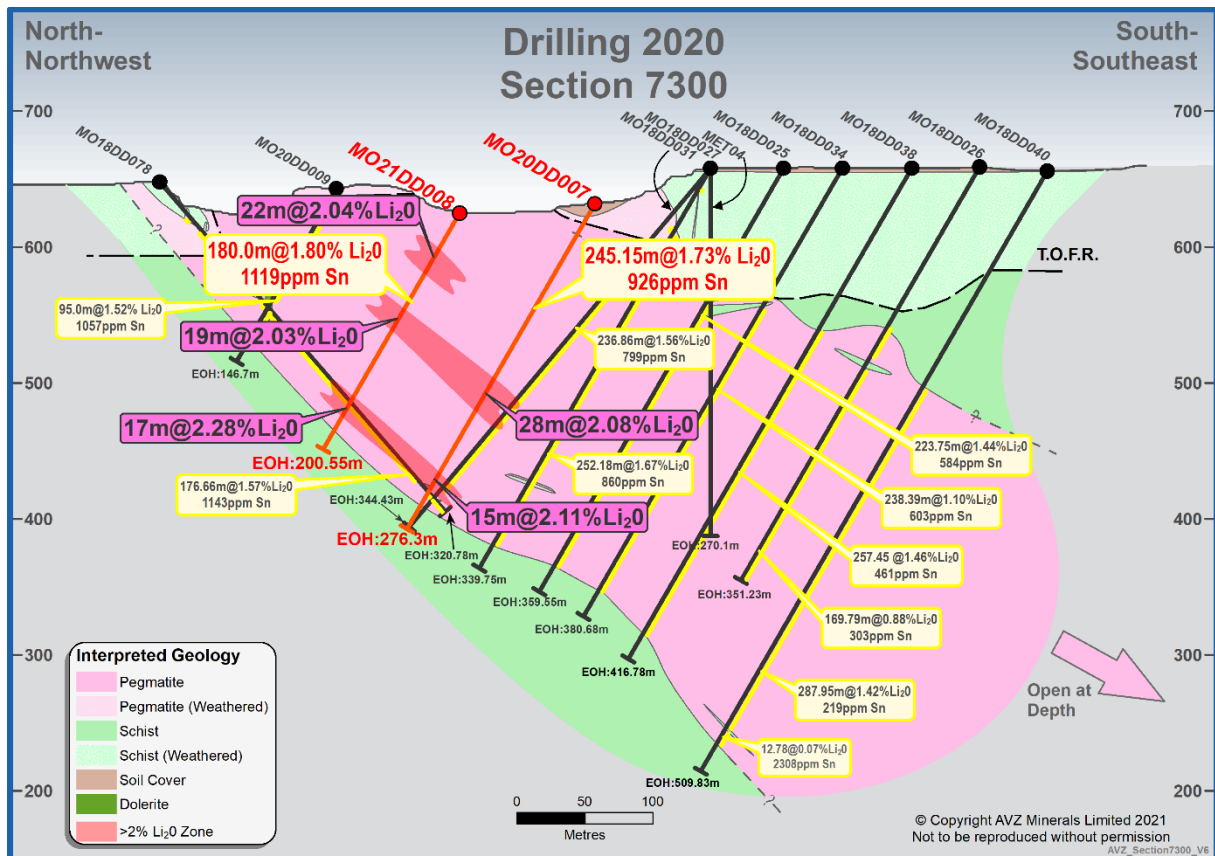


Figure 3: Intersections achieved by MO20DD007 and MO21DD008 on section 7300mN

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 geology and the exploration results is based on information compiled by Mr. Nigel Ferguson (BSc) FAusIMM MAIG, a Competent Person whom is a Fellow of the Australian Institute of Mining and Metallurgy and a Member of the Australia Institute of Geoscientists. Mr. Ferguson is the Managing Director of AVZ Minerals Limited and 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. Ferguson consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Appendix 1

Collar Table for holes *MO20DD007*, *MO21DD001* and *MO21DD008* (All DGPS positions)

Drill Hole_ID	Drilling Method	Section Line	Easting (mE)	Northing (mN)	Elevation (m)	Datum	Zone	Dip (degrees)	Azimuth (mag degrees)	EOH (m)
MO20DD007	DDH	7300	542294.88	9189753.41	617.73	WGS84	35S	-60	330	276.3
MO21DD001	DDH	7100	542078.95	9189723.57	619.72	WGS84	35S	-55	330	245.8
MO21DD008	DDH	7300	542242.65	9189843.88	610.12	WGS84	35S	-60	330	200.5

Appendix 2

Down-hole Survey Table for holes *MO20DD007*, *MO21DD001* and *MO21DD008*

Hole_ID	Depth (m)	Inclination (deg)	Azimuth (deg)
MO20DD007	30	-60	331
MO20DD007	60	-60	331
MO20DD007	90	-59	331
MO20DD007	119	-59	332
MO20DD007	149	-58	332
MO20DD007	179	-57	332
MO20DD007	209	-57	331
MO20DD007	240	-56	331
MO20DD007	276	-56	331
MO20DD008	30	-60	331
MO20DD008	60	-59	331
MO20DD008	90	-59	331
MO20DD008	120	-58	332
MO20DD008	150	-57	332
MO20DD008	180	-57	332
MO20DD008	200	-56	332
MO21DD001	30	-53	327
MO21DD001	60	-52	327
MO21DD001	90	-51	327
MO21DD001	120	-50	327
MO21DD001	149	-49	327
MO21DD001	180	-48	327
MO21DD001	210	-47	327
MO21DD001	240	-47	326

Appendix 3
Assay Results for holes MO20DD007, MO21DD001 and MO21DD008

Drill Hole ID	From (m)	To (m)	Lithology	DH Samp ID	Li ₂ O (%)	Sn (ppm)
MO20DD007	0.00	10.95	SLK	NS_DD007_0		
MO20DD007	10.95	11.45	LC	NS_DD007_1		
MO20DD007	11.45	11.90	Peg	50941	0.22	942
MO20DD007	11.90	12.85	LC	NS_DD007_2		
MO20DD007	12.85	13.75	Peg	50942	0.11	2240
MO20DD007	13.75	14.10	LC	NS_DD007_3		
MO20DD007	14.10	14.60	Peg	50943	0.31	2560
MO20DD007	14.60	15.00	LC	NS_DD007_4		
MO20DD007	15.00	16.00	Peg	50944	0.29	2250
MO20DD007	16.00	17.00	Peg	50945	1.47	611
MO20DD007	17.00	18.00	Peg	50946	1.28	1250
MO20DD007	18.00	19.00	Peg	50947	0.72	3840
MO20DD007	19.00	20.00	Peg	50948	1.37	886
MO20DD007	20.00	20.80	Peg	50949	2.38	886
MO20DD007	20.80	22.00	Peg	50951	0.39	1470
MO20DD007	22.00	23.00	Peg	50952	3.29	866
MO20DD007	23.00	24.00	Peg	50953	1.44	978
MO20DD007	24.00	25.00	Peg	50954	1.17	1020
MO20DD007	25.00	25.80	Peg	50956	1.87	236
MO20DD007	25.80	26.50	Qv	50957	0.26	73
MO20DD007	26.50	27.00	Peg	50958	0.53	2060
MO20DD007	27.00	28.00	Peg	50959	1.54	1060
MO20DD007	28.00	29.00	Peg	50960	1.66	588
MO20DD007	29.00	30.00	Peg	50961	2.01	901
MO20DD007	30.00	31.00	Peg	50962	2.26	1150
MO20DD007	31.00	32.00	Peg	50963	2.44	1190
MO20DD007	32.00	33.00	Peg	50964	1.77	1120
MO20DD007	33.00	34.00	Peg	50966	2.30	943
MO20DD007	34.00	35.00	Peg	50967	1.53	2320
MO20DD007	35.00	36.00	Peg	50968	1.52	1460
MO20DD007	36.00	37.00	Peg	50969	1.45	1100
MO20DD007	37.00	38.00	Peg	50971	1.52	1410
MO20DD007	38.00	39.00	Peg	50972	2.07	821
MO20DD007	39.00	40.00	Peg	50973	1.80	1000
MO20DD007	40.00	41.00	Peg	50974	2.46	822
MO20DD007	41.00	42.00	Peg	50976	1.95	1140
MO20DD007	42.00	43.00	Peg	50977	1.18	1010
MO20DD007	43.00	44.00	Peg	50978	1.23	1740
MO20DD007	44.00	45.00	Peg	50979	1.66	1690
MO20DD007	45.00	46.00	Peg	50980	3.28	402
MO20DD007	46.00	47.00	Peg	50981	1.65	348
MO20DD007	47.00	48.00	Peg	50982	1.50	833
MO20DD007	48.00	49.00	Peg	50983	1.34	1560

MO20DD007	49.00	50.00	Peg	50984	1.80	1190
MO20DD007	50.00	51.00	Peg	50985	1.51	1220
MO20DD007	51.00	52.00	Peg	50986	1.14	1610
MO20DD007	52.00	53.00	Peg	50987	1.69	925
MO20DD007	53.00	54.00	Peg	50988	2.55	1100
MO20DD007	54.00	55.00	Peg	50989	1.59	1190
MO20DD007	55.00	56.00	Peg	50991	1.86	1140
MO20DD007	56.00	57.00	Peg	50992	1.35	1440
MO20DD007	57.00	58.00	Peg	50993	2.24	1010
MO20DD007	58.00	59.00	Peg	50994	1.54	1210
MO20DD007	59.00	60.00	Peg	50996	2.93	774
MO20DD007	60.00	61.00	Peg	50997	2.38	627
MO20DD007	61.00	62.00	Peg	50998	2.48	647
MO20DD007	62.00	63.00	Peg	50999	1.54	816
MO20DD007	63.00	64.00	Peg	51000	1.42	1300
MO20DD007	64.00	65.00	Peg	51001	1.50	810
MO20DD007	65.00	66.00	Peg	51002	2.31	1340
MO20DD007	66.00	67.00	Peg	51003	0.38	484
MO20DD007	67.00	68.00	Peg	51004	1.09	989
MO20DD007	68.00	69.00	Peg	51006	2.33	1630
MO20DD007	69.00	70.00	Peg	51007	1.19	480
MO20DD007	70.00	71.00	Peg	51008	1.30	1290
MO20DD007	71.00	72.00	Peg	51009	2.04	995
MO20DD007	72.00	73.00	Peg	51011	1.96	905
MO20DD007	73.00	74.00	Peg	51012	1.24	966
MO20DD007	74.00	75.00	Peg	51013	1.39	1660
MO20DD007	75.00	76.00	Peg	51014	1.93	815
MO20DD007	76.00	77.00	Peg	51016	2.67	958
MO20DD007	77.00	78.00	Peg	51017	1.78	1190
MO20DD007	78.00	79.00	Peg	51018	2.49	784
MO20DD007	79.00	80.00	Peg	51019	1.60	875
MO20DD007	80.00	81.00	Peg	51020	2.20	1440
MO20DD007	81.00	82.00	Peg	51021	0.70	1230
MO20DD007	82.00	83.00	Peg	51022	0.83	1260
MO20DD007	83.00	84.00	Peg	51023	1.30	1840
MO20DD007	84.00	85.00	Peg	51024	1.45	1000
MO20DD007	85.00	86.00	Peg	51025	0.74	452
MO20DD007	86.00	87.00	Peg	51026	0.54	324
MO20DD007	87.00	88.00	Peg	51027	0.65	3880
MO20DD007	88.00	89.00	Peg	51028	1.88	669
MO20DD007	89.00	90.00	Peg	51029	2.73	1220
MO20DD007	90.00	91.00	Peg	51031	1.40	1200
MO20DD007	91.00	92.00	Peg	51032	1.72	935
MO20DD007	92.00	93.00	Peg	51033	1.51	790
MO20DD007	93.00	94.00	Peg	51034	2.20	1690
MO20DD007	94.00	95.00	Peg	51036	2.23	1270
MO20DD007	95.00	96.00	Peg	51037	1.96	1020

MO20DD007	96.00	97.00	Peg	51038	1.47	1110
MO20DD007	97.00	98.00	Peg	51039	2.16	635
MO20DD007	98.00	99.00	Peg	51040	1.80	1280
MO20DD007	99.00	100.00	Peg	51041	1.82	937
MO20DD007	100.00	101.00	Peg	51042	2.14	1650
MO20DD007	101.00	102.00	Peg	51043	1.65	1250
MO20DD007	102.00	103.00	Peg	51044	0.93	1070
MO20DD007	103.00	104.00	Peg	51046	1.32	767
MO20DD007	104.00	105.00	Peg	51047	1.60	854
MO20DD007	105.00	106.00	Peg	51048	2.08	1350
MO20DD007	106.00	107.00	Peg	51049	1.87	469
MO20DD007	107.00	108.00	Peg	51051	1.99	1310
MO20DD007	108.00	109.00	Peg	51052	1.40	1180
MO20DD007	109.00	110.00	Peg	51053	1.47	914
MO20DD007	110.00	111.00	Peg	51054	1.33	892
MO20DD007	111.00	112.00	Peg	51056	2.17	982
MO20DD007	112.00	113.00	Peg	51057	2.19	891
MO20DD007	113.00	114.00	Peg	51058	1.11	1390
MO20DD007	114.00	115.00	Peg	51059	1.98	803
MO20DD007	115.00	116.00	Peg	51060	1.66	679
MO20DD007	116.00	117.00	Peg	51061	1.97	1160
MO20DD007	117.00	118.00	Peg	51062	1.18	536
MO20DD007	118.00	119.00	Peg	51063	1.45	656
MO20DD007	119.00	120.00	Peg	51064	1.56	1120
MO20DD007	120.00	121.00	Peg	51065	1.89	946
MO20DD007	121.00	122.00	Peg	51066	1.58	1340
MO20DD007	122.00	123.00	Peg	51067	1.03	552
MO20DD007	123.00	124.00	Peg	51068	1.04	679
MO20DD007	124.00	125.00	Peg	51069	1.79	655
MO20DD007	125.00	126.00	Peg	51071	2.74	730
MO20DD007	126.00	127.00	Peg	51072	0.78	186
MO20DD007	127.00	128.00	Peg	51073	2.31	208
MO20DD007	128.00	129.00	Peg	51074	3.50	221
MO20DD007	129.00	130.00	Peg	51076	2.12	197
MO20DD007	130.00	131.00	Peg	51077	2.16	504
MO20DD007	131.00	132.00	Peg	51078	3.07	332
MO20DD007	132.00	133.00	Peg	51079	2.17	692
MO20DD007	133.00	134.00	Peg	51080	2.08	269
MO20DD007	134.00	135.00	Peg	51081	1.13	201
MO20DD007	135.00	136.00	Peg	51082	1.56	260
MO20DD007	136.00	137.00	Peg	51083	1.22	1450
MO20DD007	137.00	138.00	Peg	51084	1.68	790
MO20DD007	138.00	139.00	Peg	51086	2.36	644
MO20DD007	139.00	140.00	Peg	51087	1.81	439
MO20DD007	140.00	141.00	Peg	51088	1.16	152
MO20DD007	141.00	142.00	Peg	51089	2.06	307
MO20DD007	142.00	143.00	Peg	51091	1.57	558

MO20DD007	143.00	144.00	Peg	51092	2.52	365
MO20DD007	144.00	145.00	Peg	51093	1.68	572
MO20DD007	145.00	146.00	Peg	51094	0.90	811
MO20DD007	146.00	147.00	Peg	51096	1.16	683
MO20DD007	147.00	148.00	Peg	51097	1.32	675
MO20DD007	148.00	149.00	Peg	51098	2.55	926
MO20DD007	149.00	150.00	Peg	51099	1.33	602
MO20DD007	150.00	151.00	Peg	51100	2.00	477
MO20DD007	151.00	152.00	Peg	51101	2.58	720
MO20DD007	152.00	153.00	Peg	51102	0.36	660
MO20DD007	153.00	154.00	Peg	51103	2.55	1500
MO20DD007	154.00	155.00	Peg	51104	1.07	1260
MO20DD007	155.00	156.00	Peg	51105	2.41	671
MO20DD007	156.00	157.00	Peg	51106	1.64	367
MO20DD007	157.00	158.00	Peg	51107	1.08	571
MO20DD007	158.00	159.00	Peg	51108	2.53	526
MO20DD007	159.00	160.00	Peg	51109	2.08	980
MO20DD007	160.00	161.00	Peg	51111	2.55	833
MO20DD007	161.00	162.00	Peg	51112	0.87	1150
MO20DD007	162.00	163.00	Peg	51113	2.62	705
MO20DD007	163.00	164.00	Peg	51114	1.17	723
MO20DD007	164.00	165.00	Peg	51116	3.07	1210
MO20DD007	165.00	166.00	Peg	51117	2.96	488
MO20DD007	166.00	167.00	Peg	51118	1.59	199
MO20DD007	167.00	168.00	Peg	51119	1.60	360
MO20DD007	168.00	169.00	Peg	51120	2.08	335
MO20DD007	169.00	170.00	Peg	51121	2.89	487
MO20DD007	170.00	171.00	Peg	51122	3.38	262
MO20DD007	171.00	172.00	Peg	51123	3.31	167
MO20DD007	172.00	173.00	Peg	51124	0.87	161
MO20DD007	173.00	174.00	Peg	51126	2.21	303
MO20DD007	174.00	175.00	Peg	51127	3.06	356
MO20DD007	175.00	176.00	Peg	51128	1.98	381
MO20DD007	176.00	177.00	Peg	51129	1.12	275
MO20DD007	177.00	178.00	Peg	51131	1.27	531
MO20DD007	178.00	179.00	Peg	51132	1.66	865
MO20DD007	179.00	180.00	Peg	51133	0.75	698
MO20DD007	180.00	181.00	Peg	51134	1.10	1320
MO20DD007	181.00	182.00	Peg	51136	2.01	796
MO20DD007	182.00	183.00	Peg	51137	1.33	1190
MO20DD007	183.00	184.00	Peg	51138	3.00	1020
MO20DD007	184.00	185.00	Peg	51139	1.62	853
MO20DD007	185.00	186.00	Peg	51140	2.58	849
MO20DD007	186.00	187.00	Peg	51141	1.18	721
MO20DD007	187.00	188.00	Peg	51142	3.54	243
MO20DD007	188.00	189.00	Peg	51143	1.71	901
MO20DD007	189.00	190.00	Peg	51144	1.95	721

MO20DD007	190.00	191.00	Peg	51145	1.50	606
MO20DD007	191.00	192.00	Peg	51146	1.54	388
MO20DD007	192.00	193.00	Peg	51147	1.20	861
MO20DD007	193.00	194.00	Peg	51148	1.63	1230
MO20DD007	194.00	195.00	Peg	51149	1.53	649
MO20DD007	195.00	196.00	Peg	51151	1.86	1070
MO20DD007	196.00	197.00	Peg	51152	1.80	1090
MO20DD007	197.00	198.00	Peg	51153	2.27	1060
MO20DD007	198.00	199.00	Peg	51154	1.53	1310
MO20DD007	199.00	200.00	Peg	51156	1.39	535
MO20DD007	200.00	201.00	Peg	51157	1.74	986
MO20DD007	201.00	202.00	Peg	51158	2.44	526
MO20DD007	202.00	203.00	Peg	51159	2.14	724
MO20DD007	203.00	204.00	Peg	51160	2.24	1230
MO20DD007	204.00	205.00	Peg	51161	2.25	1370
MO20DD007	205.00	206.00	Peg	51162	2.65	750
MO20DD007	206.00	207.00	Peg	51163	1.58	482
MO20DD007	207.00	208.00	Peg	51164	0.48	268
MO20DD007	208.00	209.00	Peg	51166	2.90	241
MO20DD007	209.00	210.00	Peg	51167	0.90	994
MO20DD007	210.00	211.00	Peg	51168	2.44	295
MO20DD007	211.00	212.00	Peg	51169	1.09	279
MO20DD007	212.00	213.00	Peg	51171	2.09	946
MO20DD007	213.00	214.00	Peg	51172	2.42	848
MO20DD007	214.00	215.00	Peg	51173	1.13	838
MO20DD007	215.00	216.00	Peg	51174	1.55	1050
MO20DD007	216.00	217.00	Peg	51176	2.37	807
MO20DD007	217.00	218.00	Peg	51177	1.51	1070
MO20DD007	218.00	219.00	Peg	51178	1.89	557
MO20DD007	219.00	220.00	Peg	51179	1.39	1270
MO20DD007	220.00	221.00	Peg	51180	1.16	1150
MO20DD007	221.00	222.00	Peg	51181	1.95	1310
MO20DD007	222.00	223.00	Peg	51182	1.70	1340
MO20DD007	223.00	224.00	Peg	51183	1.90	974
MO20DD007	224.00	225.00	Peg	51184	1.47	1400
MO20DD007	225.00	226.00	Peg	51185	1.15	1190
MO20DD007	226.00	227.00	Peg	51186	1.50	1370
MO20DD007	227.00	228.00	Peg	51187	0.43	827
MO20DD007	228.00	229.00	Peg	51188	2.50	1110
MO20DD007	229.00	230.00	Peg	51189	2.33	1420
MO20DD007	230.00	231.00	Peg	51191	2.87	692
MO20DD007	231.00	232.00	Peg	51192	1.43	1230
MO20DD007	232.00	233.00	Peg	51193	3.15	603
MO20DD007	233.00	234.00	Peg	51194	1.51	1280
MO20DD007	234.00	235.00	Peg	51196	1.83	981
MO20DD007	235.00	236.00	Peg	51197	2.34	1110
MO20DD007	236.00	237.00	Peg	51198	2.76	901

MO20DD007	237.00	238.00	Peg	51199	2.15	1090
MO20DD007	238.00	239.00	Peg	51200	1.07	1160
MO20DD007	239.00	240.00	Peg	51201	1.57	1290
MO20DD007	240.00	241.00	Peg	51202	2.09	1430
MO20DD007	241.00	242.00	Peg	51203	1.70	1660
MO20DD007	242.00	243.00	Peg	51204	2.44	1190
MO20DD007	243.00	244.00	Peg	51206	1.49	875
MO20DD007	244.00	245.00	Peg	51207	1.46	1220
MO20DD007	245.00	246.00	Peg	51208	0.74	544
MO20DD007	246.00	247.00	Peg	51209	1.88	655
MO20DD007	247.00	248.00	Peg	51211	1.03	850
MO20DD007	248.00	249.00	Peg	51212	2.69	583
MO20DD007	249.00	250.00	Peg	51213	2.72	787
MO20DD007	250.00	251.00	Peg	51214	1.93	1020
MO20DD007	251.00	252.00	Peg	51216	0.86	424
MO20DD007	252.00	253.00	Peg	51217	1.27	830
MO20DD007	253.00	254.00	Peg	51218	1.04	1200
MO20DD007	254.00	255.00	Peg	51219	0.77	1270
MO20DD007	255.00	256.00	Peg	51220	0.07	765
MO20DD007	256.00	256.60	Peg	51221	0.03	1630
MO20DD007	256.60	257.02	Grs	51222	0.07	505
MO20DD007	257.02	258.00	Hms	51223	0.16	192
MO20DD007	258.00	259.00	HmSst	51224	0.23	85
MO20DD007	259.00	276.30	HmSst	NS_DD007_5		
MO21DD001	0.00	6.40	SLK	NS_DD001		
MO21DD001	6.40	7.00	Peg	51241	0.86	763
MO21DD001	7.00	7.70	Peg	51242	1.31	2270
MO21DD001	7.70	8.95	Peg	51243	1.80	1190
MO21DD001	8.95	11.15	LC	NS_DD001_1	0.00	0
MO21DD001	11.15	12.00	Peg	51244	2.28	256
MO21DD001	12.00	13.00	Peg	51245	1.67	2180
MO21DD001	15.00	16.00	Peg	51248	1.78	206
MO21DD001	16.00	17.00	Peg	51249	0.74	237
MO21DD001	17.00	18.00	Peg	51251	0.17	339
MO21DD001	19.00	20.00	Peg	51253	2.40	270
MO21DD001	21.00	22.00	Peg	51256	1.61	1090
MO21DD001	23.00	24.00	Peg	51258	0.18	726
MO21DD001	25.00	26.00	Peg	51260	2.21	226
MO21DD001	26.00	27.00	Peg	51261	2.38	784
MO21DD001	27.00	28.00	Peg	51262	1.63	675
MO21DD001	28.00	29.00	Peg	51263	1.31	1440
MO21DD001	30.00	31.00	Peg	51266	1.88	633
MO21DD001	32.00	33.00	Peg	51268	2.44	955
MO21DD001	36.00	37.00	Peg	51273	1.81	1610
MO21DD001	37.00	38.00	Peg	51274	1.74	1680
MO21DD001	38.00	39.00	Peg	51276	1.52	2450
MO21DD001	39.00	40.00	Peg	51277	1.93	1260
MO21DD001	40.00	41.00	Peg	51278	1.87	1030
MO21DD001	34.00	35.00	Peg	51271	1.49	1090
MO21DD001	35.00	36.00	Peg	51272	1.65	1290

MO21DD001	42.00	43.00	Peg	51280	0.64	1030
MO21DD001	43.00	44.00	Peg	51281	0.28	1270
MO21DD001	41.00	42.00	Peg	51279	1.49	1160
MO21DD001	45.00	46.00	Peg	51283	1.10	1160
MO21DD001	48.00	49.00	Peg	51286	2.23	1260
MO21DD001	49.00	50.00	Peg	51287	1.86	1150
MO21DD001	47.00	48.00	Peg	51285	1.34	980
MO21DD001	51.00	52.00	Peg	51289	0.89	779
MO21DD001	52.00	53.00	Peg	51291	1.02	1000
MO21DD001	54.00	55.00	Peg	51293	2.11	1395
MO21DD001	57.00	58.00	Peg	51297	2.56	1040
MO21DD001	66.00	67.00	Peg	51307	1.74	1345
MO21DD001	60.00	61.00	Peg	51300	1.36	997
MO21DD001	61.00	62.00	Peg	51301	1.61	909
MO21DD001	62.00	63.00	Peg	51302	1.67	1010
MO21DD001	63.00	64.00	Peg	51303	2.03	1260
MO21DD001	64.00	65.00	Peg	51304	1.09	1310
MO21DD001	65.00	66.00	Peg	51306	1.94	994
MO21DD001	59.00	60.00	Peg	51299	1.84	1290
MO21DD001	69.00	70.00	Peg	51311	1.33	1285
MO21DD001	70.00	71.00	Peg	51312	1.55	1370
MO21DD001	72.00	73.00	Peg	51314	1.14	1375
MO21DD001	74.00	75.00	Peg	51317	1.80	1795
MO21DD001	75.00	76.00	Peg	51318	1.52	745
MO21DD001	76.00	77.00	Peg	51319	1.02	1890
MO21DD001	77.00	78.00	Peg	51320	2.52	865
MO21DD001	79.00	80.00	Peg	51322	2.22	1020
MO21DD001	80.00	81.00	Peg	51323	1.47	1145
MO21DD001	81.00	82.00	Peg	51324	1.77	823
MO21DD001	82.00	83.00	Peg	51325	2.20	1070
MO21DD001	84.00	85.00	Peg	51327	2.61	1420
MO21DD001	83.00	84.00	Peg	51326	2.38	856
MO21DD001	86.00	87.00	Peg	51329	2.16	1940
MO21DD001	90.00	91.00	Peg	51334	2.11	953
MO21DD001	89.00	90.00	Peg	51333	2.49	831
MO21DD001	96.00	97.00	Peg	51341	0.62	969
MO21DD001	97.00	98.00	Peg	51342	0.75	954
MO21DD001	98.00	99.00	Peg	51343	0.76	1140
MO21DD001	92.00	93.00	Peg	51337	1.89	1500
MO21DD001	93.00	94.00	Peg	51338	1.60	868
MO21DD001	94.00	95.00	Peg	51339	3.04	1190
MO21DD001	95.00	96.00	Peg	51340	1.69	1610
MO21DD001	102.00	103.00	Peg	51348	2.89	540
MO21DD001	104.00	105.00	Peg	51351	2.42	825
MO21DD001	106.00	107.00	Peg	51353	2.95	483
MO21DD001	108.00	109.00	Peg	51356	1.96	1570
MO21DD001	114.00	115.00	Peg	51362	1.20	1090
MO21DD001	115.00	116.00	Peg	51363	2.38	1100
MO21DD001	117.00	118.00	Peg	51365	2.11	1510
MO21DD001	118.00	119.00	Peg	51366	2.00	740
MO21DD001	120.00	121.00	Peg	51368	1.67	511
MO21DD001	126.00	127.00	Peg	51376	1.43	1510
MO21DD001	127.00	128.00	Peg	51377	2.41	952
MO21DD001	128.00	129.00	Peg	51378	0.81	1600
MO21DD001	129.00	130.00	Peg	51379	1.71	1050

MO21DD001	130.00	131.00	Peg	51380	1.36	1380
MO21DD001	122.00	123.00	Peg	51371	1.90	2890
MO21DD001	123.00	124.00	Peg	51372	0.68	1100
MO21DD001	124.00	125.00	Peg	51373	2.08	677
MO21DD001	125.00	126.00	Peg	51374	0.69	1320
MO21DD001	131.00	132.00	Peg	51381	2.56	1410
MO21DD001	133.00	134.00	Peg	51383	1.63	960
MO21DD001	135.00	136.00	Peg	51386	2.74	1060
MO21DD001	138.00	139.00	Peg	51389	1.12	683
MO21DD001	139.00	140.00	Peg	51391	2.04	1010
MO21DD001	136.00	137.00	Peg	51387	2.05	1070
MO21DD001	137.00	138.00	Peg	51388	1.56	1290
MO21DD001	142.00	143.00	Peg	51394	1.66	1000
MO21DD001	144.00	145.00	Peg	51397	0.65	1900
MO21DD001	145.00	146.00	Peg	51398	1.12	1360
MO21DD001	147.00	148.00	Peg	51400	1.09	4660
MO21DD001	148.00	149.00	Peg	51401	1.97	1770
MO21DD001	150.00	151.00	Peg	51403	0.22	350
MO21DD001	151.00	152.00	Peg	51404	0.77	793
MO21DD001	155.00	156.00	Peg	51408	2.43	1330
MO21DD001	158.00	159.00	Peg	51412	1.99	1270
MO21DD001	168.00	169.00	Peg	51423	1.50	1700
MO21DD001	169.00	170.00	Peg	51424	1.86	724
MO21DD001	162.00	163.00	Peg	51417	1.34	1820
MO21DD001	163.00	164.00	Peg	51418	2.16	1530
MO21DD001	164.00	165.00	Peg	51419	2.14	989
MO21DD001	165.00	166.00	Peg	51420	1.55	381
MO21DD001	166.00	167.00	Peg	51421	1.94	286
MO21DD001	167.00	168.00	Peg	51422	1.04	862
MO21DD001	160.00	161.00	Peg	51414	1.95	1510
MO21DD001	161.00	162.00	Peg	51416	2.73	918
MO21DD001	172.00	173.00	Peg	51428	1.78	1600
MO21DD001	173.00	174.00	Peg	51429	1.87	908
MO21DD001	175.00	176.00	Peg	51432	2.23	1410
MO21DD001	176.00	177.00	Peg	51433	1.32	1870
MO21DD001	180.00	181.00	Peg	51438	2.05	1290
MO21DD001	178.00	179.00	Peg	51436	2.01	688
MO21DD001	179.00	180.00	Peg	51437	1.93	1290
MO21DD001	183.00	184.00	Peg	51441	2.14	1030
MO21DD001	186.00	187.00	Peg	51444	1.80	1320
MO21DD001	187.00	188.00	Peg	51445	2.08	1550
MO21DD001	188.00	189.00	Peg	51446	1.58	1390
MO21DD001	189.00	190.00	Peg	51447	1.83	1020
MO21DD001	190.00	191.00	Peg	51448	1.59	1650
MO21DD001	185.00	186.00	Peg	51443	1.45	1320
MO21DD001	193.00	194.00	Peg	51452	1.46	883
MO21DD001	194.00	195.00	Peg	51453	2.24	894
MO21DD001	195.00	196.00	Peg	51454	1.50	969
MO21DD001	196.00	197.00	Peg	51456	2.77	797
MO21DD001	197.00	198.00	Peg	51457	1.20	1020
MO21DD001	199.00	200.00	Peg	51459	1.85	1010
MO21DD001	201.00	202.00	Peg	51461	1.79	1650
MO21DD001	202.00	203.00	Peg	51462	1.43	1070
MO21DD001	210.00	211.00	Peg	51472	2.59	905
MO21DD001	204.00	205.00	Peg	51464	2.03	1330

MO21DD001	205.00	206.00	Peg	51466	1.70	2270
MO21DD001	206.00	207.00	Peg	51467	1.30	1380
MO21DD001	207.00	208.00	Peg	51468	2.56	319
MO21DD001	208.00	209.00	Peg	51469	2.07	679
MO21DD001	209.00	210.00	Peg	51471	0.96	953
MO21DD001	216.00	217.00	Peg	51479	1.08	1480
MO21DD001	217.00	218.00	Peg	51480	1.21	1730
MO21DD001	218.00	219.00	Peg	51481	0.27	1880
MO21DD001	219.00	220.00	Peg	51482	2.08	1410
MO21DD001	220.00	221.00	Peg	51483	2.31	1330
MO21DD001	213.00	214.00	Peg	51476	1.58	781
MO21DD001	214.00	215.00	Peg	51477	2.76	1320
MO21DD001	215.00	216.00	Peg	51478	1.48	922
MO21DD001	222.00	223.00	Peg	51485	3.18	777
MO21DD001	223.00	224.00	Peg	51486	2.26	585
MO21DD001	224.96	225.38	Grs	51488	0.08	535
MO21DD001	227.38	245.85	HmSst	NS_DD001_2		
MO21DD001	225.38	226.38	HmSst	51489	0.36	166
MO21DD001	226.38	227.38	HmSst	51491	0.27	21
MO21DD008	0.00	2.00	SLK	NS_DD008		
MO21DD008	2.00	3.00	Peg	51501	2.18	845
MO21DD008	3.00	4.00	Peg	51502	1.34	1750
MO21DD008	4.00	4.65	Peg	51503	0.70	768
MO21DD008	4.65	4.95	LC	NS_DD008_1		
MO21DD008	4.95	6.00	Peg	51504	1.67	768
MO21DD008	6.00	7.00	Peg	51505	1.54	1210
MO21DD008	7.00	8.00	Peg	51506	1.29	883
MO21DD008	8.00	9.00	Peg	51507	1.22	919
MO21DD008	9.00	10.00	Peg	51508	0.72	2140
MO21DD008	10.00	11.00	Peg	51509	1.11	761
MO21DD008	11.00	12.00	Peg	51511	2.25	699
MO21DD008	12.00	13.00	Peg	51512	2.11	1190
MO21DD008	13.00	14.00	Peg	51513	2.39	1360
MO21DD008	14.00	15.00	Peg	51514	1.32	1480
MO21DD008	15.00	16.00	Peg	51516	1.85	1150
MO21DD008	16.00	17.00	Peg	51517	1.29	1050
MO21DD008	17.00	18.00	Peg	51518	1.39	1000
MO21DD008	18.00	19.00	Peg	51519	1.33	1030
MO21DD008	19.00	20.00	Peg	51520	2.25	740
MO21DD008	20.00	21.00	Peg	51521	1.96	758
MO21DD008	21.00	22.00	Peg	51522	1.53	1560
MO21DD008	22.00	23.00	Peg	51523	2.59	988
MO21DD008	23.00	24.00	Peg	51524	2.10	899
MO21DD008	24.00	25.00	Peg	51526	1.51	1750
MO21DD008	25.00	26.00	Peg	51527	1.32	1600
MO21DD008	26.00	27.00	Peg	51528	1.29	1430
MO21DD008	27.00	28.00	Peg	51529	1.67	984
MO21DD008	28.00	29.00	Peg	51531	1.23	374
MO21DD008	29.00	30.00	Peg	51532	1.77	902
MO21DD008	30.00	31.00	Peg	51533	2.43	800
MO21DD008	31.00	32.00	Peg	51534	1.69	495
MO21DD008	32.00	33.00	Peg	51536	1.92	821
MO21DD008	33.00	34.00	Peg	51537	2.59	1170
MO21DD008	34.00	35.00	Peg	51538	2.46	779
MO21DD008	35.00	36.00	Peg	51539	1.79	2130

MO21DD008	36.00	37.00	Peg	51540	1.73	1090
MO21DD008	37.00	38.00	Peg	51541	1.79	1760
MO21DD008	38.00	39.00	Peg	51542	2.06	1120
MO21DD008	39.00	40.00	Peg	51543	1.74	972
MO21DD008	40.00	41.00	Peg	51544	1.80	1330
MO21DD008	41.00	42.00	Peg	51545	1.90	1030
MO21DD008	42.00	43.00	Peg	51546	1.88	1140
MO21DD008	43.00	44.00	Peg	51547	2.14	2550
MO21DD008	44.00	45.00	Peg	51548	1.98	942
MO21DD008	45.00	46.00	Peg	51549	3.10	571
MO21DD008	46.00	47.00	Peg	51551	2.71	919
MO21DD008	47.00	48.00	Peg	51552	1.29	988
MO21DD008	48.00	49.00	Peg	51553	2.69	798
MO21DD008	49.00	50.00	Peg	51554	1.78	931
MO21DD008	50.00	51.00	Peg	51556	1.24	2190
MO21DD008	51.00	52.00	Peg	51557	2.18	1130
MO21DD008	52.00	53.00	Peg	51558	1.16	956
MO21DD008	53.00	54.00	Peg	51559	0.89	1500
MO21DD008	54.00	55.00	Peg	51560	1.73	552
MO21DD008	55.00	56.00	Peg	51561	2.84	398
MO21DD008	56.00	57.00	Peg	51562	1.04	1410
MO21DD008	57.00	58.00	Peg	51563	1.08	2930
MO21DD008	58.00	59.00	Peg	51564	1.09	1420
MO21DD008	59.00	60.00	Peg	51566	1.63	1630
MO21DD008	60.00	61.00	Peg	51567	1.60	686
MO21DD008	61.00	62.00	Peg	51568	1.89	679
MO21DD008	62.00	63.00	Peg	51569	2.31	781
MO21DD008	63.00	64.00	Peg	51571	2.99	1380
MO21DD008	64.00	65.00	Peg	51572	2.34	868
MO21DD008	65.00	66.00	Peg	51573	1.69	1190
MO21DD008	66.00	67.00	Peg	51574	1.30	728
MO21DD008	67.00	68.00	Peg	51576	2.83	881
MO21DD008	68.00	69.00	Peg	51577	0.90	557
MO21DD008	69.00	70.00	Peg	51578	3.16	1040
MO21DD008	70.00	71.00	Peg	51579	0.80	719
MO21DD008	71.00	72.00	Peg	51580	1.86	1720
MO21DD008	72.00	73.00	Peg	51581	1.62	1090
MO21DD008	73.00	74.00	Peg	51582	2.12	1000
MO21DD008	74.00	75.00	Peg	51583	2.03	1020
MO21DD008	75.00	76.00	Peg	51584	1.84	595
MO21DD008	76.00	77.00	Peg	51585	1.53	839
MO21DD008	77.00	78.00	Peg	51586	1.48	848
MO21DD008	78.00	79.00	Peg	51587	1.45	1210
MO21DD008	79.00	80.00	Peg	51588	1.68	1010
MO21DD008	80.00	81.00	Peg	51589	1.51	687
MO21DD008	81.00	82.00	Peg	51591	2.07	496
MO21DD008	82.00	83.00	Peg	51592	1.68	1360
MO21DD008	83.00	84.00	Peg	51593	2.45	1440
MO21DD008	84.00	85.00	Peg	51594	1.91	862
MO21DD008	85.00	86.00	Peg	51596	2.17	1250
MO21DD008	86.00	87.00	Peg	51597	2.32	734
MO21DD008	87.00	88.00	Peg	51598	2.46	842
MO21DD008	88.00	89.00	Peg	51599	0.65	2130
MO21DD008	89.00	90.00	Peg	51600	2.30	1010
MO21DD008	90.00	91.00	Peg	51601	0.85	977

MO21DD008	91.00	92.00	Peg	51602	2.51	562
MO21DD008	92.00	93.00	Peg	51603	2.76	1050
MO21DD008	93.00	94.00	Peg	51604	2.47	871
MO21DD008	94.00	95.00	Peg	51606	1.49	834
MO21DD008	95.00	96.00	Peg	51607	1.33	3440
MO21DD008	96.00	97.00	Peg	51608	2.42	1080
MO21DD008	97.00	98.00	Peg	51609	2.29	1070
MO21DD008	98.00	99.00	Peg	51611	2.00	1180
MO21DD008	99.00	100.00	Peg	51612	2.43	1150
MO21DD008	100.00	101.00	Peg	51613	1.71	486
MO21DD008	101.00	102.00	Peg	51614	0.67	717
MO21DD008	102.00	103.00	Peg	51616	2.07	682
MO21DD008	103.00	104.00	Peg	51617	1.25	871
MO21DD008	104.00	105.00	Peg	51618	1.80	1340
MO21DD008	105.00	106.00	Peg	51619	1.67	564
MO21DD008	106.00	107.00	Peg	51620	1.81	601
MO21DD008	107.00	108.00	Peg	51621	2.22	1180
MO21DD008	108.00	109.00	Peg	51622	2.35	1640
MO21DD008	109.00	110.00	Peg	51623	1.60	1010
MO21DD008	110.00	111.00	Peg	51624	2.45	764
MO21DD008	111.00	112.00	Peg	51625	0.91	780
MO21DD008	112.00	113.00	Peg	51626	1.46	650
MO21DD008	113.00	114.00	Peg	51627	1.86	992
MO21DD008	114.00	115.00	Peg	51628	2.72	769
MO21DD008	115.00	116.00	Peg	51629	2.22	723
MO21DD008	116.00	117.00	Peg	51631	1.53	1270
MO21DD008	117.00	118.00	Peg	51632	1.59	1050
MO21DD008	118.00	119.00	Peg	51633	1.31	1000
MO21DD008	119.00	120.00	Peg	51634	1.78	2410
MO21DD008	120.00	121.00	Peg	51636	2.15	873
MO21DD008	121.00	122.00	Peg	51637	1.52	1950
MO21DD008	122.00	123.00	Peg	51638	1.69	1250
MO21DD008	123.00	124.00	Peg	51639	1.19	1680
MO21DD008	124.00	125.00	Peg	51640	1.72	1610
MO21DD008	125.00	126.00	Peg	51641	1.45	1040
MO21DD008	126.00	127.00	Peg	51642	1.32	1250
MO21DD008	127.00	128.00	Peg	51643	1.82	836
MO21DD008	128.00	129.00	Peg	51644	2.29	864
MO21DD008	129.00	130.00	Peg	51646	1.55	1390
MO21DD008	130.00	131.00	Peg	51647	0.92	2540
MO21DD008	131.00	132.00	Peg	51648	0.97	803
MO21DD008	132.00	133.00	Peg	51649	0.57	639
MO21DD008	133.00	134.00	Peg	51651	0.87	2170
MO21DD008	134.00	135.00	Peg	51652	1.92	1200
MO21DD008	135.00	136.00	Peg	51653	1.33	1290
MO21DD008	136.00	137.00	Peg	51654	1.34	1450
MO21DD008	137.00	138.00	Peg	51656	1.56	923
MO21DD008	138.00	139.00	Peg	51657	2.40	942
MO21DD008	139.00	140.00	Peg	51658	1.12	1350
MO21DD008	140.00	141.00	Peg	51659	1.73	854
MO21DD008	141.00	142.00	Peg	51660	2.01	1190
MO21DD008	142.00	143.00	Peg	51661	2.23	247
MO21DD008	143.00	144.00	Peg	51662	2.18	382
MO21DD008	144.00	145.00	Peg	51663	1.74	3640
MO21DD008	145.00	146.00	Peg	51664	1.24	732

MO21DD008	146.00	147.00	Peg	51665	1.46	919
MO21DD008	147.00	148.00	Peg	51666	1.57	1010
MO21DD008	148.00	149.00	Peg	51667	2.05	1260
MO21DD008	149.00	150.00	Peg	51668	1.22	1440
MO21DD008	150.00	151.00	Peg	51669	1.29	1090
MO21DD008	151.00	152.00	Peg	51671	2.30	566
MO21DD008	152.00	153.00	Peg	51672	1.14	821
MO21DD008	153.00	154.00	Peg	51673	1.43	1650
MO21DD008	154.00	155.00	Peg	51674	1.32	1730
MO21DD008	155.00	156.00	Peg	51676	1.21	1930
MO21DD008	156.00	157.00	Peg	51677	1.97	755
MO21DD008	157.00	158.00	Peg	51678	1.43	984
MO21DD008	158.00	159.00	Peg	51679	3.30	868
MO21DD008	159.00	160.00	Peg	51680	1.77	618
MO21DD008	160.00	161.00	Peg	51681	2.90	750
MO21DD008	161.00	162.00	Peg	51682	2.54	643
MO21DD008	162.00	163.00	Peg	51683	2.54	848
MO21DD008	163.00	164.00	Peg	51684	2.06	1120
MO21DD008	164.00	165.00	Peg	51686	2.20	1400
MO21DD008	165.00	166.00	Peg	51687	2.26	910
MO21DD008	166.00	167.00	Peg	51688	2.24	906
MO21DD008	167.00	168.00	Peg	51689	2.80	1020
MO21DD008	168.00	169.00	Peg	51691	1.70	1320
MO21DD008	169.00	170.00	Peg	51692	2.93	919
MO21DD008	170.00	171.00	Peg	51693	1.17	1230
MO21DD008	171.00	172.00	Peg	51694	2.50	662
MO21DD008	172.00	173.00	Peg	51696	2.53	949
MO21DD008	173.00	174.00	Peg	51697	1.01	1310
MO21DD008	174.00	175.00	Peg	51698	1.55	1000
MO21DD008	175.00	176.00	Peg	51699	1.65	1890
MO21DD008	176.00	177.00	Peg	51700	2.21	1290
MO21DD008	177.00	178.00	Peg	51701	1.39	1360
MO21DD008	178.00	179.00	Peg	51702	2.02	716
MO21DD008	179.00	180.00	Peg	51703	1.66	1640
MO21DD008	180.00	181.00	Peg	51704	1.74	1210
MO21DD008	181.00	182.00	Peg	51705	1.82	978
MO21DD008	182.00	183.00	Peg	51706	0.10	1290
MO21DD008	183.00	184.00	Peg	51707	0.51	1020
MO21DD008	184.00	184.66	Peg	51708	1.22	585
MO21DD008	184.66	185.66	Grs	51709	2.04	136
MO21DD008	185.66	186.66	Hms	51711	0.26	120
MO21DD008	186.66	187.66	Hms	51712	0.25	58
MO21DD008	187.66	200.55	Hms	NS_DD008_2		

JORC TABLE 1

Section 1 Sampling Techniques and Data (Criteria in this section apply to all succeeding sections.)		
Criteria	JORC Code explanation	Commentary
<i>Sampling techniques</i>	<ul style="list-style-type: none"> • <i>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.</i> • <i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i> • <i>Aspects of the determination of mineralisation that are Material to the Public Report.</i> • <i>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.</i> 	<ul style="list-style-type: none"> • 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 1 m intervals. • The submitted half-core samples typically had a mass of 3 – 4 kg.
<i>Drilling techniques</i>	<ul style="list-style-type: none"> • <i>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).</i> 	<ul style="list-style-type: none"> • The drilling was completed using diamond core rigs with PQ used from surface to sample through to fresh or unbroken rock and HQ 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 fresh bedrock. All collars were surveyed after completion. All holes were downhole surveyed using a digital multi-shot camera at about 30 m intervals. All core was oriented.
<i>Drill sample recovery</i>	<ul style="list-style-type: none"> • <i>Method of recording and assessing core and chip sample recoveries and results assessed.</i> • <i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i> • <i>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.</i> 	<ul style="list-style-type: none"> • 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.

Criteria	JORC Code explanation	Commentary
Logging	<ul style="list-style-type: none"> • <i>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.</i> • <i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i> • <i>The total length and percentage of the relevant intersections logged.</i> 	<ul style="list-style-type: none"> • 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.
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> • <i>If core, whether cut or sawn and whether quarter, half or all core taken.</i> • <i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i> • <i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i> • <i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i> • <i>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.</i> • <i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i> 	<ul style="list-style-type: none"> • Core is cut longitudinally, and half-core samples of a nominal 1 m 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 ALS Lubumbashi and the ALS sample preparation facility on site at Manono, with holes from MO18DD021 onwards being prepared at Manono. • At AVZ's onsite sample preparation facility the half-core samples of approximately 4-5 kg are oven dried, crushed to -2 mm with a 500 g sub-sample being split out. This 500 g sub-sample is then pulverised to produce a pulp with 85% passing -75um size fraction. A 120 g 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 utilised by ALS Lubumbashi and 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 at the Manono preparatory facility, an AVZ geologist took a split of the crushed sample which is utilised 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 and HQ drill core, providing a representative sample of the pegmatite which is coarse-grained. Sampling was mostly at 1 m intervals, and the submitted half-core samples typically had a mass of 3-4 kg.

Criteria	JORC Code explanation	Commentary
<p>Quality of assay data and laboratory tests</p>	<ul style="list-style-type: none"> • <i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i> • <i>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.</i> • <i>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.</i> 	<ul style="list-style-type: none"> • Diamond drillhole (core) samples were submitted to the Manono site laboratory (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. Samples from the drilling completed in 2017 i.e. MO17DD001 and MO17DD002, were assayed for a suite of 24 elements that included Li, Sn, Ta & Nb. Samples from the drilling completed in 2018 were assayed for a suite of 12 elements; Li, Sn, Ta, Nb, Al, Si, K, Fe, Mg, P, Th and U, with Li reported as Li₂O, Al as Al₂O₃, Si as SiO₂, K as K₂O, Mg as MgO, Fe as Fe₂O₃ and P as P₂O₅. • 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	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Company geologists and consultants observed the mineralisation in the majority of cores on site, although no check assaying was completed by MSA. • Jusdox Surveying 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	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • The drillhole collars have been located by a registered surveyor using a Hi-Target V30 Trimble differential GPS 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	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Drillhole spacing was completed on sections 100 m apart, and collars were less than 100 m apart on section where possible.
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • 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.

Criteria	JORC Code explanation	Commentary
<i>Sample security</i>	<ul style="list-style-type: none"> <i>The measures taken to ensure sample security.</i> 	<ul style="list-style-type: none"> When utilizing ALS Perth, chain of custody is maintained by AVZ personnel on-site to Lubumbashi. Samples are stored on-site until they are delivered by AVZ personnel in sealed bags to the laboratory at ALS Perth. The ALS laboratory checked received samples against the sample dispatch form and issues a reconciliation report. At Lubumbashi, the prepared samples (pulp) 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 in house ALS trained personnel who supervise the sample preparation. Prepared samples are sealed in boxes and transported by air the Malabar clearing agency in Lubumbashi and are accompanied by an AVZ employee, where export documentation and formalities are concluded. DHL couriers the samples to ALS in Perth.
<i>Audits or reviews</i>	<ul style="list-style-type: none"> <i>The results of any audits or reviews of sampling techniques and data.</i> 	<ul style="list-style-type: none"> The sampling techniques were reviewed by the Competent Person during multiple site visits. 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
<i>Mineral tenement and land tenure status</i>	<ul style="list-style-type: none"> • <i>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.</i> • <i>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.</i> 	<ul style="list-style-type: none"> • The Manono licence was awarded as Research Permit PR13359, issued on the 28th December 2016 to o La Congolaise d’Exploitation Miniere SA (Cominiere). It is valid for 5 years. 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 60%, Cominiere 25% and Dathomir 15%. • 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.
<i>Exploration done by other parties</i>	<ul style="list-style-type: none"> • <i>Acknowledgment and appraisal of exploration by other parties.</i> 	<ul style="list-style-type: none"> • 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.

Criteria	JORC Code explanation	Commentary
Geology	<ul style="list-style-type: none"> • <i>Deposit type, geological setting and style of mineralisation.</i> 	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception depth hole length. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	<ul style="list-style-type: none"> See table for collar, survey and assay data.
Data aggregation methods	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Intersections are reported as length-weighted grades within the logged pegmatite. No grade truncations were applied. The majority of samples were taken at 1 m lengths. No equivalent values are used or reported.
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> 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’). 	<ul style="list-style-type: none"> The majority of samples were taken at 1 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	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> The relevant plans and sections are included in this document.
Balanced reporting	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> All pegmatite intersections for holes MO20DD007, MO21DD001 and MO21DD008 are reported.
Other substantive exploration data	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> No other exploration data is available.

Criteria	JORC Code explanation	Commentary
Further work	<ul style="list-style-type: none"> • <i>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</i> • <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i> 	<ul style="list-style-type: none"> • Diamond drill testing of the identified priority targets will be on-going. • Drilling of 5 metallurgical test work drill holes has been completed.