ASX ANNOUNCEMENT

21 December 2018

AVZ Drills 168.1m* @ 1.58% Li_2O & 674ppm Sn at the Roche Dure Pegmatite

Highlights

- AVZ's infill and extensional drilling at Roche Dure identifies additional high-grade lithium and tin mineralisation, pointing to further resource growth on the Company's updated Mineral Resource announced in late November 2018.
- MO18DD066 intersected 77.48m* @ 1.40% Li_2O & 3,082ppm Sn from 141.52m down-hole and including 6.48m @ 25,252ppm Sn from 141.52m down-hole on drill section 6600mN
- MO18DD067 intersected 92.31m* @ 1.74% Li_2O & 1,180ppm Sn from 1m down-hole on a line approximately 20m south of drill section 7900mN
- MO18DD068 intersected 49.31m* @ 1.67 Li_2O & 1,167ppm Sn from 0.15m down-hole including 0.33m of core loss down-hole between drill sections 7500mN and 7600mN
- MO18DD069 intersected 169.52m* @ 1.49% Li_2O & 1,061ppm Sn from 0.35m down-hole including 4.74m of core loss down-hole on drill section 7800mN
- MO18DD070 intersected 108.92m* @ 1.73% Li_2O & 1,253ppm Sn from 220.28m down-hole on drill section 7100mN
- Hole MO18DD027, drilled earlier in the year but with a single assay missing, can now be reported. This hole intersected 252.18m* @ 1.67% Li_2O & 860ppm Sn from 68m down-hole and including 6.77m of internal waste down-hole on drill section 6600mN
- Sample processing on spodumene bearing diamond drillcore from 6 wide spaced diamond drill holes at Carriere de L'Este has been completed with assay results expected in late January to early February 2019
- Work is continuing on Scoping Studies for 5 and 10 million tonnne per annum scenarios using recently updated JORC resource estimates and operating costs. The Company is awaiting third party costings to complete the report.

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

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Issued Capital
1,888 M Ordinary Shares

Market Cap
$124 M

ASX Code: AVZ

AVZ's Managing Director Mr Nigel Ferguson commented: *"With drilling at Roche Dure completed for the calendar year, these new assay results from Roche Dure for 6 diamond drill holes are expected to upgrade the various categories of the JORC estimate when all holes up to MO18DD083 are included in the next JORC estimate. Holes drilled towards the end of the 2018 programme were mostly shallow holes planned to increase Measured Resources closer to the pit floor and are not expected to significantly increase overall tonnages of spodumene bearing pegmatite.*

Another potentially significant resource at Manono is starting to take shape with geological results returned from wide spaced reconnaissance drilling at Carriere de L'Este indicating the presence of deep spodumene bearing pegmatite in this northern area. Previous DD drilling in 2017 showed a width of over 240m from near to surface and mapping indicated a strike similar to that at Roche Dure. I look forward to obtaining and reporting the assays from these 6 holes in due course.

It is gratifying to see that the infill holes at Roche Dure still demonstrate strong lithium mineralisation as well as spectacular tin results from hole MO18DD066 at the south-west end of the orebody. These results, along with the remainder of the drilling results completed at Roche Dure in late 2018 will be used in a further update of the JORC estimate when the assays have been received."

AVZ Minerals Limited (ASX: AVZ) is pleased to advise it has received further strong results from its Mineral Resource drilling at the Manono Lithium Project in the Democratic Republic of Congo. It has received results from a further six diamond drill holes at Roche Dure, none of which were included in the recently updated JORC Mineral Resource estimate reported in late November 2018.

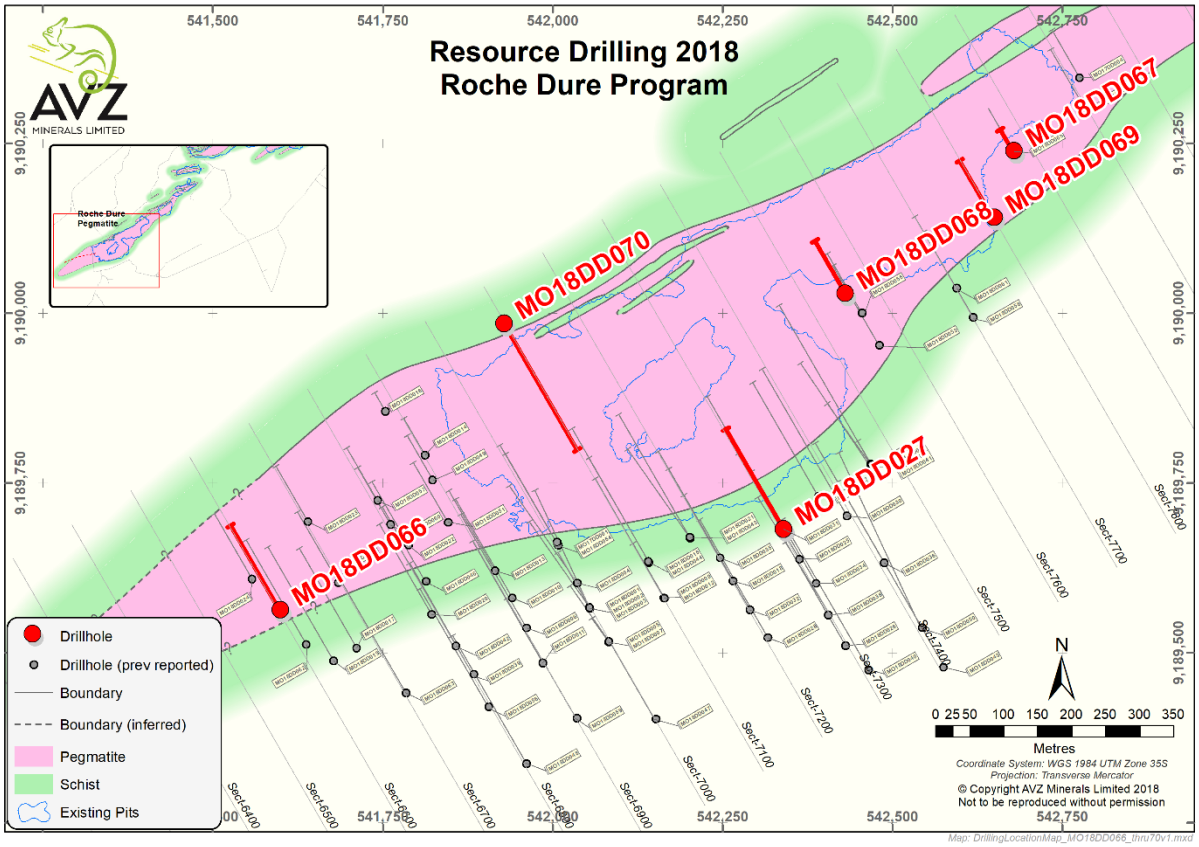

Figure 1: Locations of drillholes MO18DD027, 066, 067, 068, 069 and MO18D70

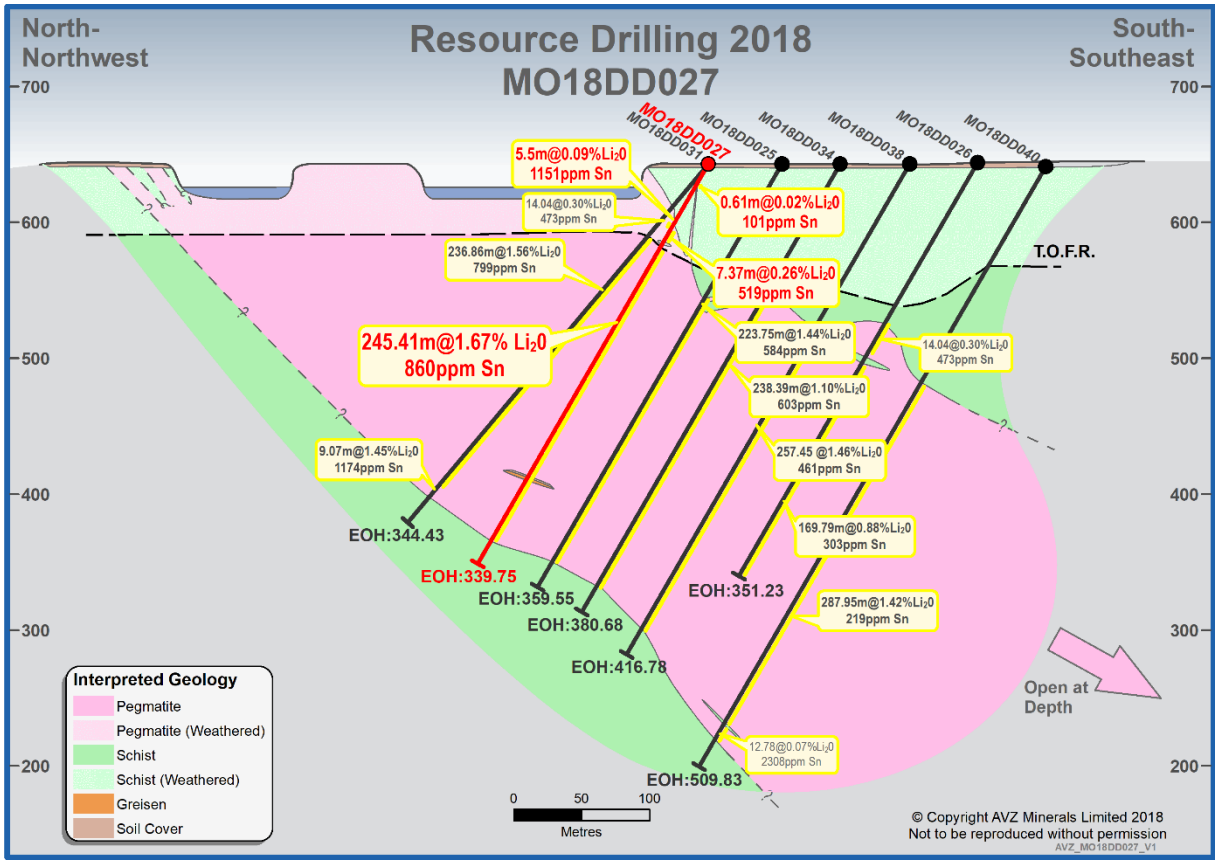

Figure 2: Intersections achieved by MO18DD027 on section 7300mN

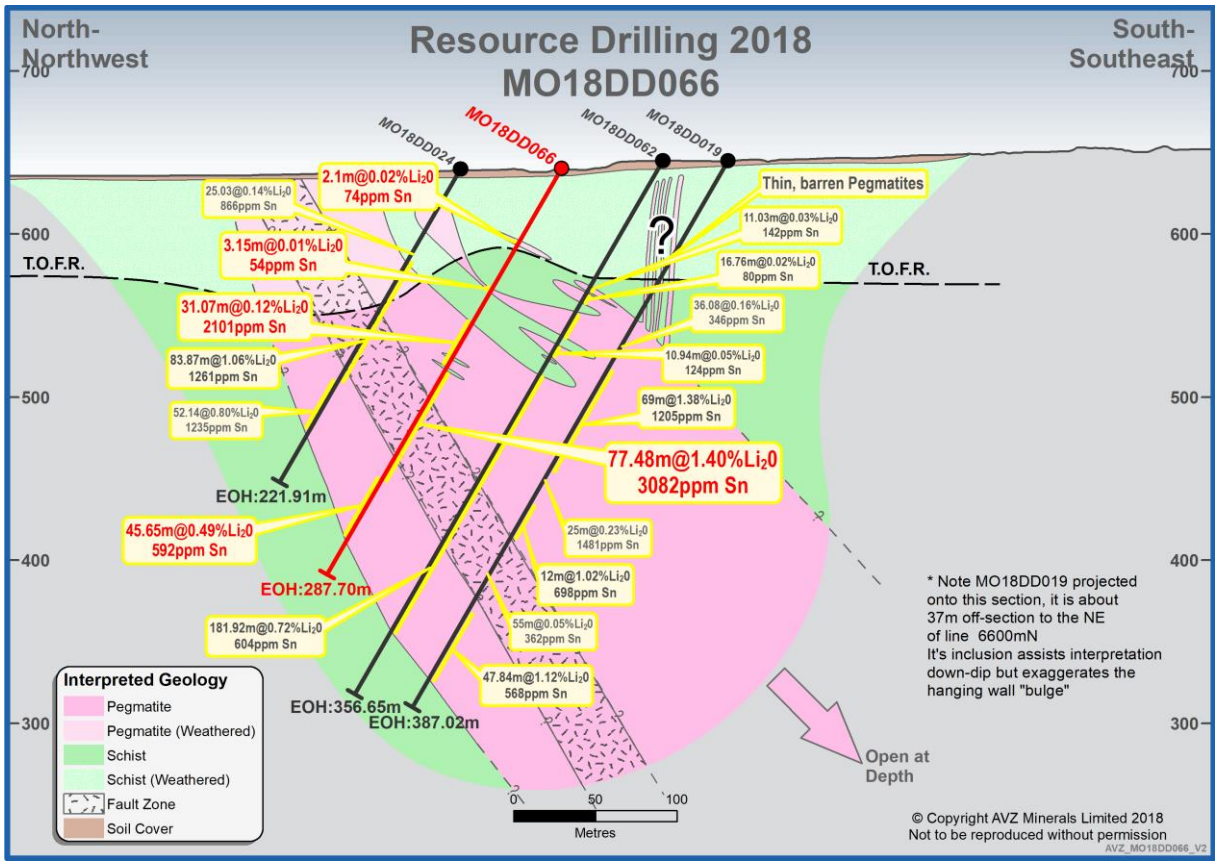

Figure 3: Intersections achieved by MO18DD066 on section 6600mN

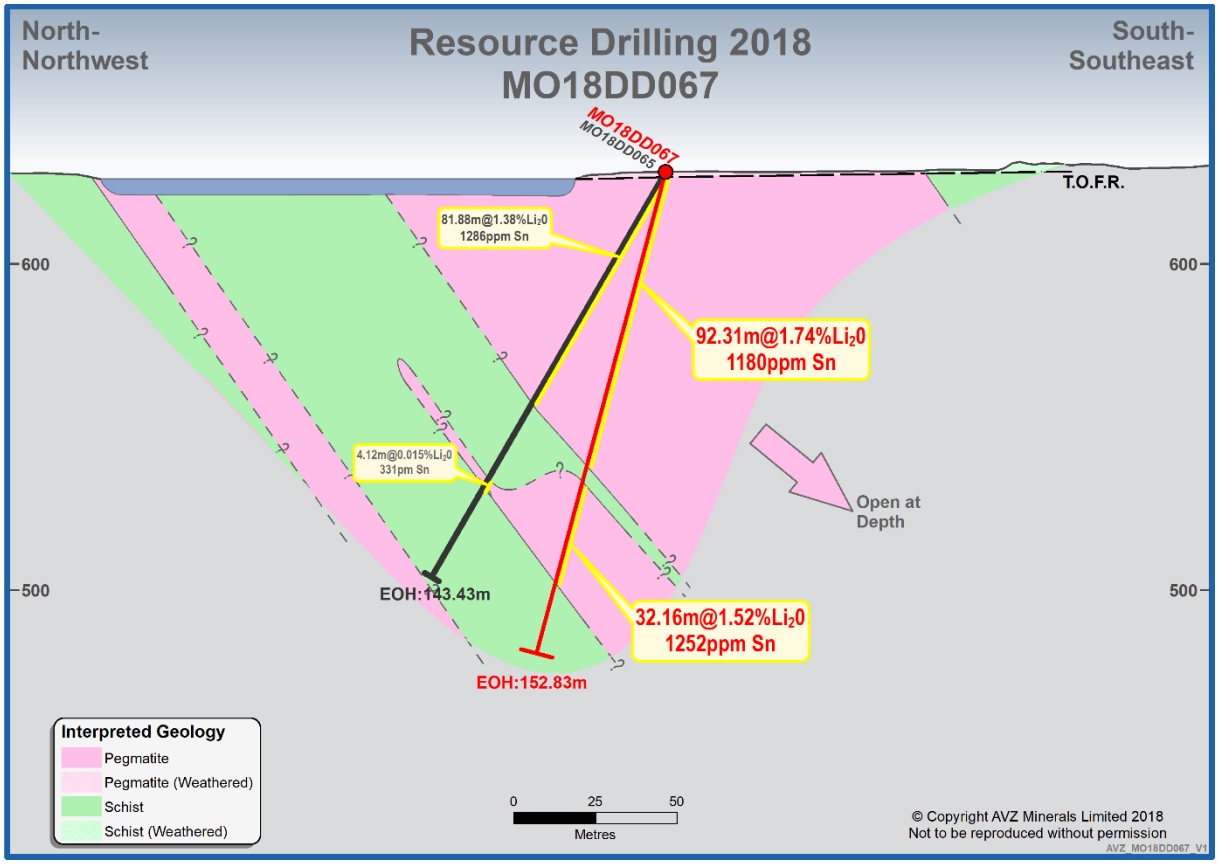

Figure 4: Intersections achieved by MO18DD067 on a line ~20m south of 7900mN

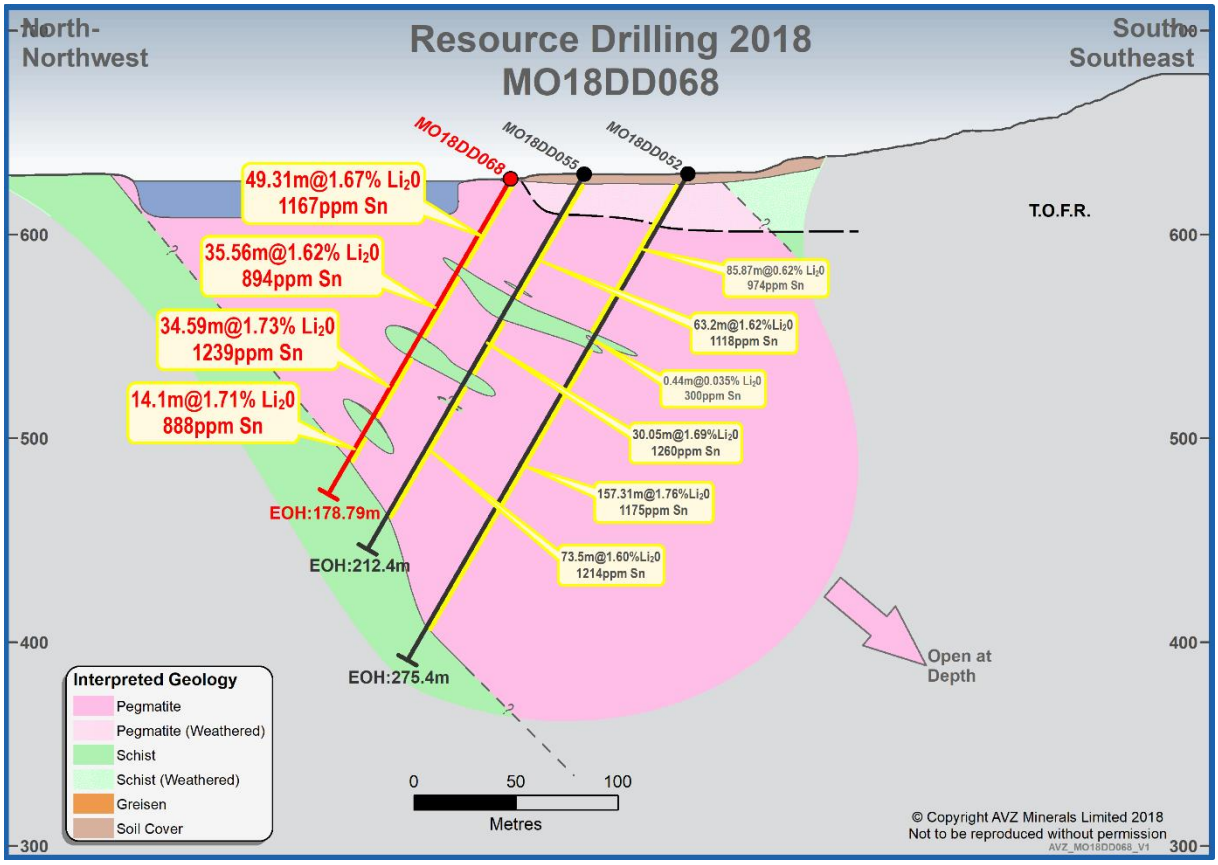

Figure 5: Intersections achieved by MO18DD068 between sections 7500mN and 7600mN

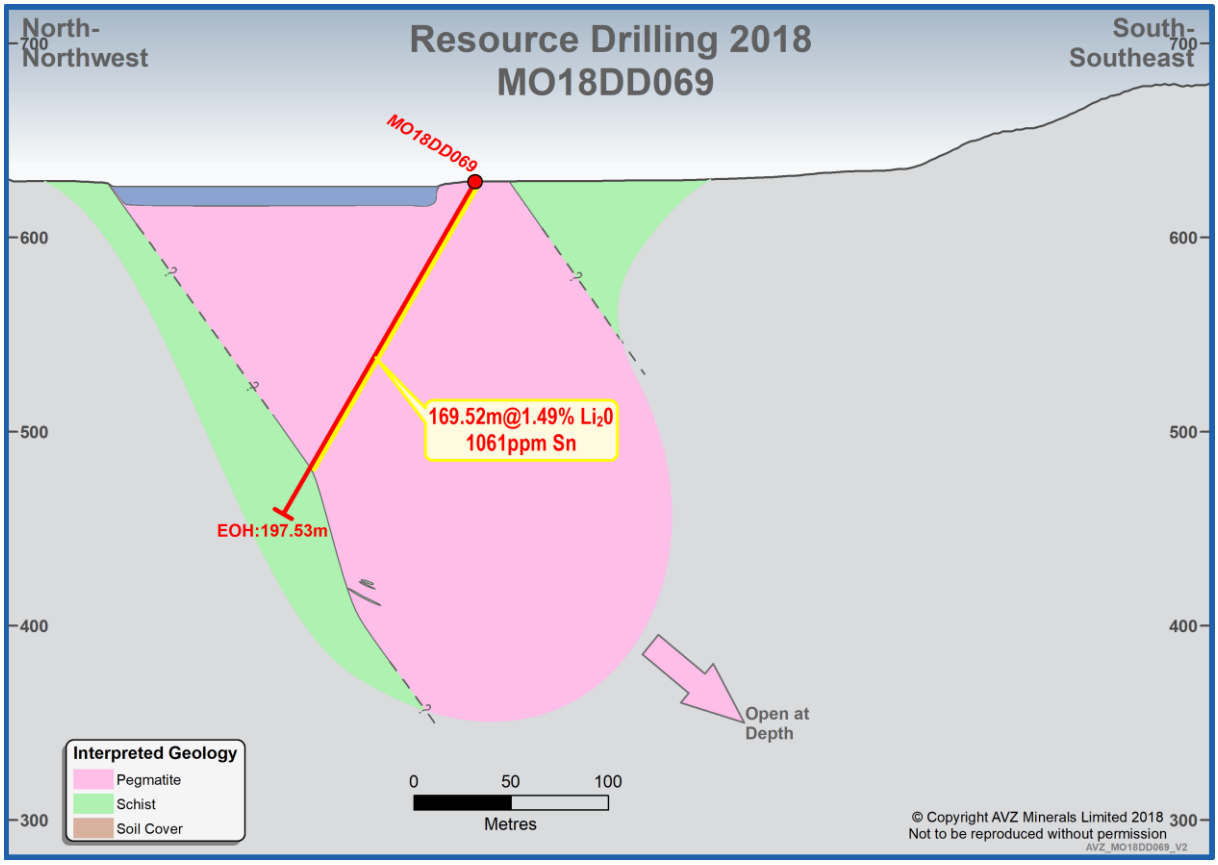

Figure 6: Intersections achieved by MO18DD069 on section 7800mN

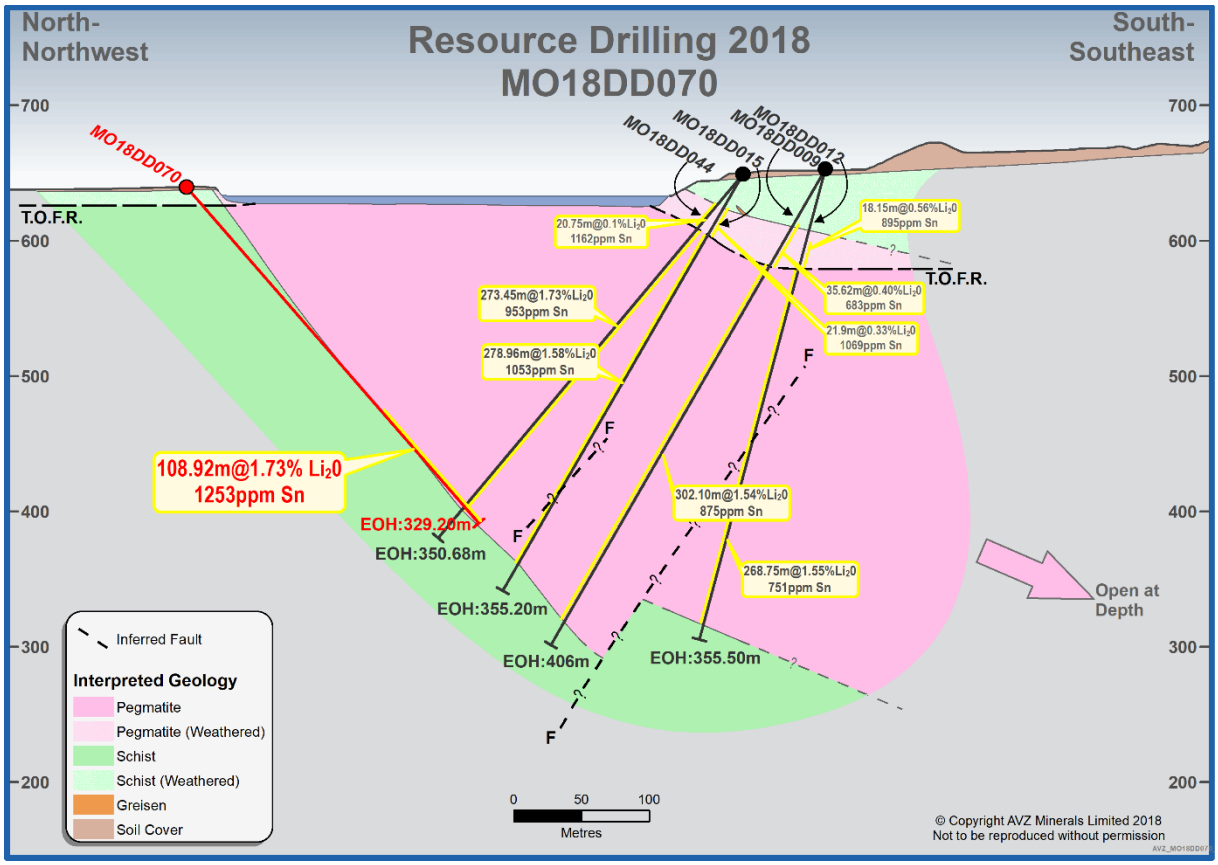

Figure 7: Intersections achieved by MO18DD070 on section 7100mN

Table 1: Intersections achieved by MO18DD027, 066, 067, 068, 069 and MO18D70

Hole I.D.	Section	Intersections of the Roche Dure pegmatite
MO18DD066	6600mN	55.3m – 57.4m; 2.1m @ 0.02%Li_2O & 74ppm Sn 84.6m – 87.75m; 3.15m @ 0.01%Li_2O & 54ppm Sn (with 1.45m of internal waste) 109.68m – 140.75m; 31.07m @ 0.12%Li_2O & 2,101ppm Sn (with 1.88m of internal waste) **141.52m – 219m; 77.48m @ 1.4%Li_2O & 3,082ppm Sn (with 0.3m of core loss and including 141.52m – 148.0m; 6.48m @ 25,252ppm Sn)** 219.0m – 264.65m; 45.65m @ 0.49%Li_2O & 592ppm Sn
MO18DD067	~20m south of 7900mN	**1m – 93.31m; 92.31m @ 1.74%Li_2O & 1,180ppm Sn (with 1.58m of core loss)** 98.34m – 130.5m; 32.16m @ 1.52%Li_2O & 1,252ppm Sn pm Sn
MO18DD068	Between 7500 & 7600mN	**0.15m – 49.46m; 49.31m @ 1.67%Li_2O & 1,167ppm Sn (with 0.33m of core loss)** 53.47m – 89.03m; 35.56m @ 1.62%Li_2O & 894ppm Sn 100.17m – 134.76m; 34.59m @ 1.73%Li_2O & 1,239ppm Sn 144.79m – 158.89m; 14.1m @ 1.71%Li_2O & 888ppm Sn
MO18DD069	7800mN	**0.35m – 169.87m; 169.52m @ 1.49%Li_2O & 1,061ppm Sn (with 4.74m of core loss)**
MO18DD070	7100mN	**220.28m – 329.2m; 108.92m @ 1.73%Li_2O & 1,253ppm Sn**
MO18DD027	7300mN	16.65m – 17.26m; 0.61m @ 0.02%Li_2O & 101ppm Sn 52.15m – 57.65m; 5.5m @ 0.09%Li_2O & 1,151ppm Sn (with 1.99m of core loss) 58.65m – 66.02m; 7.37m @ 0.26%Li_2O & 519ppm Sn **68.0m – 320.18m; 252.18m @ 1.67%Li_2O & 860ppm Sn (with 6.77m of internal waste)**

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

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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. Michael Cronwright, a Competent Person whom is a fellow of The Geological Society of South Africa and Pr. Sci. Nat. (Geological Sciences) registered with the South African Council for Natural Professions. Mr. Cronwright is a full-time employee of The MSA Group Pty Ltd. Mr Cronwright 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. Cronwright 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 *MO18DD027, 066. 067, 068, 069 and MO18DD070*

Drill Hole_ID	Drilling Method	Section Line	Easting (mE)	Northing (mN)	Elevation (m)	Datum	Zone	Dip (degrees)	Azimuth (mag degrees)	EOH (m)
MO18DD027	DDH	7300mN	542339.6	9189682.5	642.8	WGS84	35M	-60	330	339.75
MO18DD066	DDH	6600mN	541599.4	9189563.5	659.6	WGS84	35M	-60	330	287.70
MO18DD067	DDH	~7880mN	542678.9	9190239.1	643.1	WGS84	35M	-75	330	152.83
MO18DD068	DDH	~7570mN	542430.3	9190029.5	641.9	WGS84	35M	-60	330	178.79
MO18DD069	DDH	7800mN	542649.1	9190141.2	643.3	WGS84	35M	-60	330	197.53
MO18DD070	DDH	7100mN	541928.2	9189985.4	647.8	WGS84	35M	-50	150	329.20

Appendix 2

Down-hole Survey Table *MO18DD027, 066. 067, 068, 069 and MO18DD070*

Hole_ID	Depth (m)	Inclination (deg)	Azimuth (deg)
MO18DD027	0	-60	330
MO18DD027	30	-61	333
MO18DD027	60	-61	334
MO18DD027	90	-61	333
MO18DD027	120	-61	333
MO18DD027	150	-61	333
MO18DD027	180	-62	333
MO18DD027	210	-62	333
MO18DD027	240	-63	332
MO18DD027	270	-63	332
MO18DD027	300	-63	333
MO18DD027	330	-63	333
MO18DD027	339	-62	333
MO18DD066	0	-60	330
MO18DD066	30	-62	331
MO18DD066	60	-62	330
MO18DD066	90	-62	331
MO18DD066	120	-62	332
MO18DD066	150	-62	332

MO18DD066	180	-61	331
MO18DD066	210	-61	331
MO18DD066	240	-60	331
MO18DD066	270	-60	331
MO18DD066	287	-59	331
MO18DD067	0	-75	330
MO18DD067	30	-76	330
MO18DD067	60	-76	329
MO18DD067	90	-76	329
MO18DD067	120	-76	330
MO18DD067	150	-76	329
MO18DD067	152	-76	329
MO18DD068	0	-60	330
MO18DD068	30	-58	328
MO18DD068	60	-58	329
MO18DD068	90	-57	329
MO18DD068	120	-57	329
MO18DD068	150	-57	329
MO18DD068	178	-57	329
MO18DD069	0	-60	330
MO18DD069	30	-60	332
MO18DD069	60	-60	331
MO18DD069	90	-60	331
MO18DD069	120	-59	331
MO18DD069	150	-60	331
MO18DD069	180	-60	331
MO18DD069	197	-60	332
MO18DD070	0	-50	150
MO18DD070	30	-51	152
MO18DD070	60	-50	152
MO18DD070	90	-48	151
MO18DD070	120	-48	151
MO18DD070	150	-45	152
MO18DD070	180	-43	152
MO18DD070	210	-43	152
MO18DD070	240	-43	152
MO18DD070	270	-41	152
MO18DD070	300	-39	152
MO18DD070	329	-39	152

Appendix 3

Assay Results for holes MO18DD027, 066, 067, 068, 069 and MO18DD070 Li_2O (%) & Sn (ppm)

Drill Hole ID	From (m)	To (m)	Lithology	DH Samp ID	Li2O (%)	Sn (ppm)
MO18DD027	0.00	15.65		NS01		
MO18DD027	15.65	16.65	Hms	46231	0.05	101
MO18DD027	16.65	17.26	Peg	46232	0.02	175
MO18DD027	17.26	18.26	HMs	46233	0.03	98
MO18DD027	18.26	49.44		NS02		
MO18DD027	49.44	50.44	HMs	46234	0.08	11
MO18DD027	50.44	51.38	HMs	46235	0.07	58
MO18DD027	51.38	51.55	Peg	46236	0.06	235
MO18DD027	51.55	52.15	LC	NS03		
MO18DD027	52.15	53.16	Peg	46237	0.06	998
MO18DD027	53.16	55.15	LC	NS04		
MO18DD027	55.15	56.00	Peg	46238	0.06	1390
MO18DD027	56.00	57.00	Peg	46239	0.10	1070
MO18DD027	57.00	57.65	Peg	46241	0.15	1200
MO18DD027	57.65	58.65	LC	NS06		
MO18DD027	58.65	60.00	Peg	46242	0.14	439
MO18DD027	60.00	61.00	Peg	46243	0.10	606
MO18DD027	61.00	62.00	Peg	46244	0.04	287
MO18DD027	62.00	63.00	Peg	46246	0.03	63
MO18DD027	63.00	64.00	Peg	46247	0.03	68
MO18DD027	64.00	65.00	Peg	46248	0.43	1940
MO18DD027	65.00	66.02	Peg	46249	1.06	262
MO18DD027	66.02	67.00	HMs	46250	0.36	26
MO18DD027	67.00	68.00	HMs	46251	0.14	7
MO18DD027	68.00	69.00	Peg	46252	2.44	1510
MO18DD027	69.00	70.00	Peg	46253	1.62	239
MO18DD027	70.00	71.00	Peg	46254	1.43	239
MO18DD027	71.00	72.00	Peg	46256	2.51	255
MO18DD027	72.00	73.00	Peg	46257	4.15	467
MO18DD027	73.00	74.00	Peg	46258	0.18	7330
MO18DD027	74.00	75.00	Peg	46259	0.44	1940
MO18DD027	75.00	76.00	Peg	46261	0.52	167
MO18DD027	76.00	77.00	Peg	46262	0.88	138
MO18DD027	77.00	78.00	Peg	46263	0.04	31
MO18DD027	78.00	79.00	Peg	46264	0.55	71
MO18DD027	79.00	80.00	Peg	46266	1.36	1650
MO18DD027	80.00	81.00	Peg	46267	0.28	177
MO18DD027	81.00	82.00	Peg	46268	2.17	4530
MO18DD027	82.00	83.00	Peg	46269	0.68	1160
MO18DD027	83.00	84.00	Peg	46270	2.76	448
MO18DD027	84.00	85.00	Peg	46271	4.26	553
MO18DD027	85.00	86.00	Peg	46272	2.95	707
MO18DD027	86.00	87.00	Peg	46273	1.61	605
MO18DD027	87.00	88.00	Peg	46274	3.12	340
MO18DD027	88.00	89.00	Peg	46275	3.29	1860

MO18DD027	89.00	90.00	Peg	46276	3.57	345
MO18DD027	90.00	91.00	Peg	46277	2.18	1430
MO18DD027	91.00	92.00	Peg	46278	2.38	1350
MO18DD027	92.00	93.00	Peg	46279	2.43	1180
MO18DD027	93.00	94.00	Peg	46281	1.50	1370
MO18DD027	94.00	95.00	Peg	46282	1.90	1200
MO18DD027	95.00	96.00	Peg	46283	1.46	1300
MO18DD027	96.00	97.00	Peg	46284	1.52	1140
MO18DD027	97.00	98.00	Peg	46286	1.52	1870
MO18DD027	98.00	99.00	Peg	46287	1.48	1350
MO18DD027	99.00	100.00	Peg	46288	2.06	1150
MO18DD027	100.00	101.00	Peg	46289	2.23	1150
MO18DD027	101.00	102.00	Peg	46290	1.82	1650
MO18DD027	102.00	103.00	Peg	46291	1.63	1180
MO18DD027	103.00	104.00	Peg	46292	1.64	1510
MO18DD027	104.00	105.00	Peg	46293	1.78	1740
MO18DD027	105.00	106.00	Peg	46294	2.06	1310
MO18DD027	106.00	107.00	Peg	46296	1.69	886
MO18DD027	107.00	108.00	Peg	46297	2.64	1140
MO18DD027	108.00	109.00	Peg	46298	2.51	999
MO18DD027	109.00	110.00	Peg	46299	1.68	866
MO18DD027	110.00	111.00	Peg	46301	2.10	328
MO18DD027	111.00	112.00	Peg	46302	1.56	913
MO18DD027	112.00	113.00	Peg	46303	1.32	3000
MO18DD027	113.00	114.00	Peg	46304	2.31	1160
MO18DD027	114.00	115.00	Peg	46306	1.49	1550
MO18DD027	115.00	116.00	Peg	46307	1.65	1180
MO18DD027	116.00	117.00	Peg	46308	1.41	1020
MO18DD027	117.00	118.00	Peg	46309	1.29	1610
MO18DD027	118.00	119.00	Peg	46310	1.47	1380
MO18DD027	119.00	120.00	Peg	46311	1.53	1830
MO18DD027	120.00	121.00	Peg	46312	1.61	1650
MO18DD027	121.00	122.00	Peg	46313	2.21	1015
MO18DD027	122.00	123.00	Peg	46314	1.21	923
MO18DD027	123.00	124.00	Peg	46315	0.61	954
MO18DD027	124.00	125.00	Peg	46316	1.83	3240
MO18DD027	125.00	126.00	Peg	46317	1.51	937
MO18DD027	126.00	127.00	Peg	46318	1.89	908
MO18DD027	127.00	128.00	Peg	46319	1.53	666
MO18DD027	128.00	129.00	Peg	46321	2.08	630
MO18DD027	129.00	130.00	Peg	46322	1.44	1340
MO18DD027	130.00	131.00	Peg	46323	2.77	739
MO18DD027	131.00	132.00	Peg	46324	3.02	431
MO18DD027	132.00	133.00	Peg	46326	2.05	1130
MO18DD027	133.00	134.00	Peg	46327	3.01	1020
MO18DD027	134.00	135.00	Peg	46328	0.78	1270
MO18DD027	135.00	136.00	Peg	46329	1.16	5270
MO18DD027	136.00	137.00	Peg	46330	0.78	2650
MO18DD027	137.00	138.00	Peg	46331	1.41	1115
MO18DD027	138.00	139.00	Peg	46332	1.91	627

MO18DD027	139.00	140.00	Peg	46333	2.69	639
MO18DD027	140.00	141.00	Peg	46334	1.53	1440
MO18DD027	141.00	142.00	Peg	46336	1.42	638
MO18DD027	142.00	143.00	Peg	46337	2.40	816
MO18DD027	143.00	144.00	Peg	46338	1.78	672
MO18DD027	144.00	145.00	Peg	46339	1.20	919
MO18DD027	145.00	146.00	Peg	46341	1.83	275
MO18DD027	146.00	147.00	Peg	46342	1.89	221
MO18DD027	147.00	148.00	Peg	46343	1.98	1875
MO18DD027	148.00	149.00	Peg	46344	2.08	170
MO18DD027	149.00	150.00	Peg	46346	1.14	253
MO18DD027	150.00	151.00	Peg	46347	1.24	574
MO18DD027	151.00	152.00	Peg	46348	2.68	713
MO18DD027	152.00	153.00	Peg	46349	1.91	922
MO18DD027	153.00	154.00	Peg	46350	2.60	857
MO18DD027	154.00	155.00	Peg	46351	1.79	1025
MO18DD027	155.00	156.00	Peg	46352	1.79	682
MO18DD027	156.00	157.00	Peg	46353	2.72	587
MO18DD027	157.00	158.00	Peg	46354	1.66	1060
MO18DD027	158.00	159.00	Peg	46355	2.30	627
MO18DD027	159.00	160.00	Peg	46356	1.64	1015
MO18DD027	160.00	161.00	Peg	46357	3.19	1275
MO18DD027	161.00	162.00	Peg	46358	1.92	701
MO18DD027	162.00	163.00	Peg	46359	1.59	832
MO18DD027	163.00	164.00	Peg	46361	1.57	1130
MO18DD027	164.00	165.00	Peg	46362	2.39	744
MO18DD027	165.00	166.00	Peg	46363	1.60	1010
MO18DD027	166.00	167.00	Peg	46364	1.70	674
MO18DD027	167.00	168.00	Peg	46366	2.41	637
MO18DD027	168.00	169.00	Peg	46367	2.56	370
MO18DD027	169.00	170.00	Peg	46368	1.37	523
MO18DD027	170.00	171.00	Peg	46369	0.95	1180
MO18DD027	171.00	172.00	Peg	46370	1.46	1230
MO18DD027	172.00	173.00	Peg	46371	0.90	896
MO18DD027	173.00	174.00	Peg	46372	2.54	503
MO18DD027	174.00	175.00	Peg	46373	1.25	423
MO18DD027	175.00	176.00	Peg	46374	2.03	502
MO18DD027	176.00	177.00	Peg	46376	1.02	900
MO18DD027	177.00	178.00	Peg	46377	1.45	707
MO18DD027	178.00	179.00	Peg	46378	1.98	637
MO18DD027	179.00	180.00	Peg	46379	1.56	751
MO18DD027	180.00	181.00	Peg	46381	1.17	340
MO18DD027	181.00	182.00	Peg	46382	1.80	769
MO18DD027	182.00	183.00	Peg	46383	2.69	178
MO18DD027	183.00	184.00	Peg	46384	1.71	331
MO18DD027	184.00	185.00	Peg	46386	1.04	420
MO18DD027	185.00	186.00	Peg	46387	0.63	677
MO18DD027	186.00	187.00	Peg	46388	2.22	290
MO18DD027	187.00	188.00	Peg	46389	2.87	488
MO18DD027	188.00	189.00	Peg	46390	2.56	330

MO18DD027	189.00	190.00	Peg	46391	1.10	716
MO18DD027	190.00	191.00	Peg	46392	3.06	590
MO18DD027	191.00	192.00	Peg	46393	1.19	197
MO18DD027	192.00	193.00	Peg	46394	1.47	483
MO18DD027	193.00	194.00	Peg	46395	0.67	197
MO18DD027	194.00	195.00	Peg	46396	1.48	543
MO18DD027	195.00	196.00	Peg	46397	1.35	177
MO18DD027	196.00	197.00	Peg	46398	1.14	169
MO18DD027	197.00	198.00	Peg	46399	0.19	202
MO18DD027	198.00	199.00	Peg	46401	0.46	1100
MO18DD027	199.00	200.00	Peg	46402	0.62	1135
MO18DD027	200.00	201.00	Peg	46403	2.29	227
MO18DD027	201.00	202.00	Peg	46404	0.28	121
MO18DD027	202.00	203.00	Peg	46406	0.29	190
MO18DD027	203.00	204.00	Peg	46407	2.20	193
MO18DD027	204.00	205.00	Peg	46408	1.78	376
MO18DD027	205.00	206.00	Peg	46409	0.12	332
MO18DD027	206.00	207.00	Peg	46410	0.33	1325
MO18DD027	207.00	208.00	Peg	46411	1.47	970
MO18DD027	208.00	209.00	Peg	46412	0.44	179
MO18DD027	209.00	210.00	Peg	46413	0.15	183
MO18DD027	210.00	211.00	Peg	46414	1.98	550
MO18DD027	211.00	212.00	Peg	46416	1.66	572
MO18DD027	212.00	213.00	Peg	46417	2.63	406
MO18DD027	213.00	214.00	Peg	46418	2.35	752
MO18DD027	214.00	215.00	Peg	46419	3.23	540
MO18DD027	215.00	216.00	Peg	46421	3.56	277
MO18DD027	216.00	217.00	Peg	46422	0.84	185
MO18DD027	217.00	218.00	Peg	46423	1.63	772
MO18DD027	218.00	219.00	Peg	46424	1.75	837
MO18DD027	219.00	220.00	Peg	46426	2.93	321
MO18DD027	220.00	221.00	Peg	46427	2.04	600
MO18DD027	221.00	222.00	Peg	46428	0.94	806
MO18DD027	222.00	223.00	Peg	46429	2.18	651
MO18DD027	223.00	224.00	Peg	46430	3.21	564
MO18DD027	224.00	225.00	Peg	46431	2.01	384
MO18DD027	225.00	226.00	Peg	46432	1.32	516
MO18DD027	226.00	227.00	Peg	46433	2.52	582
MO18DD027	227.00	228.00	Peg	46434	1.80	509
MO18DD027	228.00	229.00	Peg	46435	3.33	315
MO18DD027	229.00	230.00	Peg	46436	1.52	500
MO18DD027	230.00	231.00	Peg	46437	0.98	973
MO18DD027	231.00	232.00	Peg	46438	2.04	462
MO18DD027	232.00	233.00	Peg	46439	1.46	433
MO18DD027	233.00	234.00	Peg	46441	2.42	585
MO18DD027	234.00	235.00	Peg	46442	1.16	266
MO18DD027	235.00	236.00	Peg	46443	2.98	322
MO18DD027	236.00	237.00	Peg	46444	0.99	223
MO18DD027	237.00	238.00	Peg	46446	1.54	189
MO18DD027	238.00	239.00	Peg	46447	0.39	156

MO18DD027	239.00	240.00	Peg	46448	0.28	46
MO18DD027	240.00	241.00	Peg	46449	1.56	126
MO18DD027	241.00	242.00	Peg	46450	1.44	104
MO18DD027	242.00	243.00	Peg	46451	0.17	91
MO18DD027	243.00	244.00	Peg	46452	1.76	71
MO18DD027	244.00	245.00	Peg	46453	2.22	266
MO18DD027	245.00	246.00	Peg	46454	2.12	702
MO18DD027	246.00	247.00	Peg	46456	1.05	964
MO18DD027	247.00	248.00	Peg	46457	1.04	1040
MO18DD027	248.00	249.00	Peg	46458	0.70	568
MO18DD027	249.00	250.00	Peg	46459	0.89	208
MO18DD027	250.00	251.00	Peg	46461	2.52	150
MO18DD027	251.00	252.00	Peg	46462	2.69	194
MO18DD027	252.00	253.00	Peg	46463	1.81	293
MO18DD027	253.00	254.00	Peg	46464	1.66	1140
MO18DD027	254.00	255.00	Peg	46466	3.22	620
MO18DD027	255.00	256.00	Peg	46467	2.07	433
MO18DD027	256.00	257.00	Peg	46468	1.92	953
MO18DD027	257.00	258.00	Peg	46469	1.82	3000
MO18DD027	258.00	259.00	Peg	46470	1.13	3060
MO18DD027	259.00	260.00	Peg	46471	2.70	899
MO18DD027	260.00	261.00	Peg	46472	0.73	1610
MO18DD027	261.00	262.00	Peg	46473	1.02	1390
MO18DD027	262.00	263.00	Peg	46474	1.12	1320
MO18DD027	263.00	264.00	Peg	46475	2.46	864
MO18DD027	264.00	264.70	Peg	46476	1.86	918
MO18DD027	264.70	265.40	Peg	46477	1.50	1130
MO18DD027	265.40	266.32	Grs	46478	0.17	619
MO18DD027	266.32	267.49	HMs	46479	0.63	151
MO18DD027	267.49	268.66	HMs	46481	0.66	190
MO18DD027	268.66	270.00	Peg	46482	0.95	1000
MO18DD027	270.00	271.00	Peg	46483	3.06	475
MO18DD027	271.00	272.00	Peg	46484	2.92	235
MO18DD027	272.00	273.00	Peg	46486	2.20	239
MO18DD027	273.00	274.00	Peg	46487	2.73	345
MO18DD027	274.00	275.00	Peg	46488	1.45	125
MO18DD027	275.00	276.00	Peg	46489	2.30	367
MO18DD027	276.00	277.00	Peg	46490	1.09	4770
MO18DD027	277.00	278.00	Peg	46491	0.67	2520
MO18DD027	278.00	279.00	Peg	46492	1.54	1000
MO18DD027	279.00	280.00	Peg	46493	1.70	731
MO18DD027	280.00	281.00	Peg	46494	2.17	775
MO18DD027	281.00	282.00	Peg	46496	1.70	1310
MO18DD027	282.00	283.00	Peg	46497	1.26	1150
MO18DD027	283.00	284.00	Peg	46498	2.02	775
MO18DD027	284.00	285.00	Peg	46499	3.24	392
MO18DD027	285.00	286.00	Peg	46501	1.55	548
MO18DD027	286.00	287.00	Peg	46502	1.36	617
MO18DD027	287.00	288.00	Peg	46503	1.40	559
MO18DD027	288.00	289.00	Peg	46504	1.02	720

MO18DD027	289.00	290.00	Peg	46506	1.33	732
MO18DD027	290.00	291.00	Peg	46507	1.56	620
MO18DD027	291.00	292.00	Peg	46508	1.27	856
MO18DD027	292.00	293.00	Peg	46509	2.00	621
MO18DD027	293.00	294.00	Peg	46510	2.16	1020
MO18DD027	294.00	295.00	Peg	46511	2.78	513
MO18DD027	295.00	296.00	Peg	46512	1.46	1200
MO18DD027	296.00	297.00	Peg	46513	1.95	710
MO18DD027	297.00	298.00	Peg	46514	2.23	3070
MO18DD027	298.00	299.00	Peg	46515	1.68	821
MO18DD027	299.00	300.00	Peg	46516	1.66	1220
MO18DD027	300.00	301.00	Peg	46517	1.68	924
MO18DD027	301.00	302.00	Peg	46518	1.49	1190
MO18DD027	302.00	303.00	Peg	46519	2.04	878
MO18DD027	303.00	304.00	Peg	46521	2.05	715
MO18DD027	304.00	305.00	Peg	46522	1.70	890
MO18DD027	305.00	306.00	Peg	46523	1.79	1340
MO18DD027	306.00	307.00	Peg	46524	1.15	740
MO18DD027	307.00	307.64	Peg	46526	0.64	516
MO18DD027	307.64	308.64	HMs	46527	0.52	48
MO18DD027	308.64	311.07	HMs	NS		
MO18DD027	311.07	312.07	HMs	46528	0.30	83
MO18DD027	312.07	313.00	Peg	46529	1.24	960
MO18DD027	313.00	314.00	Peg	46530	2.21	396
MO18DD027	314.00	315.00	Peg	46531	1.33	1320
MO18DD027	315.00	316.00	Peg	46532	1.79	422
MO18DD027	316.00	317.00	Peg	46533	1.09	427
MO18DD027	317.00	318.00	Peg	46534	1.51	733
MO18DD027	318.00	319.00	Peg	46536	1.48	958
MO18DD027	319.00	320.18	Peg	46537	0.48	1600
MO18DD027	320.18	321.18	HMSst	46538	0.24	56
MO18DD027	321.18	322.18	HMSst	46539	0.26	36
MO18DD066	0.00	53.50		NS_66		
MO18DD066	53.50	54.50	HMs	26741	0.05	26
MO18DD066	54.50	55.30	HMs	26742	0.04	18
MO18DD066	55.30	56.00	Peg	26743	0.02	70
MO18DD066	56.00	57.40	Peg	26744	0.02	76
MO18DD066	57.40	58.00	HMs	26745	0.05	47
MO18DD066	58.00	84.00		NS_66_1		
MO18DD066	84.00	84.60	HMs	26746	0.10	54
MO18DD066	84.60	85.00	Peg	26747	0.01	98
MO18DD066	85.00	86.45	HMs	26748	0.09	98
MO18DD066	86.45	87.75	Peg	26749	0.02	101
MO18DD066	87.75	89.00	HMs	26751	0.09	43
MO18DD066	89.00	109.00		NS_66_2		
MO18DD066	109.00	109.68	HMs	26752	0.07	69
MO18DD066	109.68	111.00	Peg	26753	0.05	2750
MO18DD066	111.00	112.00	Peg	26754	0.08	1710
MO18DD066	112.00	113.00	Peg	26756	0.08	5430
MO18DD066	113.00	114.00	Peg	26757	0.10	16000

MO18DD066	114.00	115.00	Peg	26758	0.02	2080
MO18DD066	115.00	116.00	Peg	26759	0.03	4940
MO18DD066	116.00	117.00	Peg	26760	0.09	10800
MO18DD066	117.00	118.00	Peg	26761	0.04	1500
MO18DD066	118.00	119.00	Peg	26762	0.03	93
MO18DD066	119.00	120.00	Peg	26763	0.02	352
MO18DD066	120.00	121.00	Peg	26764	0.03	76
MO18DD066	121.00	122.00	Peg	26766	0.03	80
MO18DD066	122.00	123.00	Peg	26767	0.02	72
MO18DD066	123.00	124.00	Peg	26768	0.01	112
MO18DD066	124.00	125.00	Peg	26769	0.03	254
MO18DD066	125.00	126.00	Peg	26771	0.02	804
MO18DD066	126.00	127.00	Peg	26772	0.02	406
MO18DD066	127.00	128.00	Peg	26773	0.02	611
MO18DD066	128.00	129.00	Peg	26774	0.02	3450
MO18DD066	129.00	130.00	Peg	26776	0.03	1180
MO18DD066	130.00	131.00	Peg	26777	0.04	413
MO18DD066	131.00	132.00	Peg	26778	0.09	1090
MO18DD066	132.00	133.00	Peg	26779	0.11	784
MO18DD066	133.00	133.47	Peg	26780	0.12	398
MO18DD066	133.47	134.47	HMs	26781	0.77	456
MO18DD066	134.47	135.35	HMs	26782	0.64	437
MO18DD066	135.35	136.00	Peg	26783	0.10	1110
MO18DD066	136.00	137.00	Peg	26784	0.08	1720
MO18DD066	137.00	138.00	Peg	26785	0.11	1385
MO18DD066	138.00	139.00	Peg	26786	0.72	1920
MO18DD066	139.00	140.00	Peg	26787	1.03	1765
MO18DD066	140.00	140.75	Peg	26788	0.86	2280
MO18DD066	140.75	141.52	HMs	26789	0.00	119
MO18DD066	141.52	142.00	Peg	26791	0.35	61800
MO18DD066	142.00	143.00	Peg	26792	1.76	42800
MO18DD066	143.00	144.00	Peg	26793	1.51	28500
MO18DD066	144.00	145.00	Peg	26794	1.04	22300
MO18DD066	145.00	146.00	Peg	26796	1.80	3610
MO18DD066	146.00	147.00	Peg	26797	1.47	1160
MO18DD066	147.00	148.00	Peg	26798	0.79	35600
MO18DD066	148.00	149.00	Peg	26799	1.18	1765
MO18DD066	149.00	150.00	Peg	26800	1.60	2390
MO18DD066	150.00	151.00	Peg	26801	0.82	1860
MO18DD066	151.00	152.00	Peg	26802	1.70	774
MO18DD066	152.00	153.00	Peg	26803	0.91	645
MO18DD066	153.00	154.00	Peg	26804	1.81	755
MO18DD066	154.00	155.00	Peg	26806	1.29	708
MO18DD066	155.00	156.00	Peg	26807	1.43	3500
MO18DD066	156.00	157.00	Peg	26808	1.69	1070
MO18DD066	157.00	158.00	Peg	26809	2.18	1130
MO18DD066	158.00	158.30	LC	NS_66_3		
MO18DD066	158.30	159.00	Peg	26811	1.78	899
MO18DD066	159.00	160.00	Peg	26812	1.64	1080
MO18DD066	160.00	161.00	Peg	26813	2.50	1120

MO18DD066	161.00	162.00	Peg	26814	1.86	1170
MO18DD066	162.00	163.00	Peg	26816	0.40	1830
MO18DD066	163.00	164.00	Peg	26817	0.07	1460
MO18DD066	164.00	165.00	Peg	26818	0.10	961
MO18DD066	165.00	166.00	Peg	26819	1.00	1100
MO18DD066	166.00	167.00	Peg	26820	2.55	1050
MO18DD066	167.00	168.00	Peg	26821	1.11	932
MO18DD066	168.00	169.00	Peg	26822	1.67	471
MO18DD066	169.00	170.00	Peg	26823	0.13	749
MO18DD066	170.00	171.00	Peg	26824	0.07	648
MO18DD066	171.00	172.00	Peg	26825	0.98	411
MO18DD066	172.00	173.00	Peg	26826	1.74	221
MO18DD066	173.00	174.00	Peg	26827	0.77	1480
MO18DD066	174.00	175.00	Peg	26828	1.06	962
MO18DD066	175.00	176.00	Peg	26829	1.20	354
MO18DD066	176.00	177.00	Peg	26831	0.58	918
MO18DD066	177.00	178.00	Peg	26832	0.50	1740
MO18DD066	178.00	179.00	Peg	26833	0.60	837
MO18DD066	179.00	180.00	Peg	26834	0.35	1030
MO18DD066	180.00	181.00	Peg	26836	1.39	1140
MO18DD066	181.00	182.00	Peg	26837	1.63	684
MO18DD066	182.00	183.00	Peg	26838	1.70	1200
MO18DD066	183.00	184.00	Peg	26839	1.63	899
MO18DD066	184.00	185.00	Peg	26840	1.17	795
MO18DD066	185.00	186.00	Peg	26841	1.79	1360
MO18DD066	186.00	187.00	Peg	26842	1.36	719
MO18DD066	187.00	188.00	Peg	26843	1.61	1120
MO18DD066	188.00	189.00	Peg	26844	1.62	1730
MO18DD066	189.00	190.00	Peg	26846	2.97	721
MO18DD066	190.00	191.00	Peg	26847	1.19	1170
MO18DD066	191.00	192.00	Peg	26848	1.24	982
MO18DD066	192.00	193.00	Peg	26849	2.22	1210
MO18DD066	193.00	194.00	Peg	26851	1.98	1570
MO18DD066	194.00	195.00	Peg	26852	1.45	1320
MO18DD066	195.00	196.00	Peg	26853	1.92	935
MO18DD066	196.00	197.00	Peg	26854	1.26	591
MO18DD066	197.00	198.00	Peg	26856	2.84	525
MO18DD066	198.00	199.00	Peg	26857	2.34	248
MO18DD066	199.00	200.00	Peg	26858	1.88	556
MO18DD066	200.00	201.00	Peg	26859	1.22	1170
MO18DD066	201.00	202.00	Peg	26860	2.31	703
MO18DD066	202.00	203.00	Peg	26861	0.69	1190
MO18DD066	203.00	204.00	Peg	26862	1.30	1510
MO18DD066	204.00	205.00	Peg	26863	1.40	1070
MO18DD066	205.00	206.00	Peg	26864	1.60	1230
MO18DD066	206.00	207.00	Peg	26865	1.33	1020
MO18DD066	207.00	208.00	Peg	26866	0.81	883
MO18DD066	208.00	209.00	Peg	26867	0.82	1300
MO18DD066	209.00	210.00	Peg	26868	2.68	568
MO18DD066	210.00	211.00	Peg	26869	1.19	1550

MO18DD066	211.00	212.00	Peg	26871	1.72	755
MO18DD066	212.00	213.00	Peg	26872	1.31	366
MO18DD066	213.00	214.00	Peg	26873	2.36	781
MO18DD066	214.00	215.00	Peg	26874	0.27	1740
MO18DD066	215.00	216.00	Peg	26876	2.63	879
MO18DD066	216.00	217.00	Peg	26877	1.48	1130
MO18DD066	217.00	218.00	Peg	26878	1.47	912
MO18DD066	218.00	219.00	Peg	26879	1.38	220
MO18DD066	219.00	220.00	Peg	26880	0.23	126
MO18DD066	220.00	221.00	Peg	26881	0.23	145
MO18DD066	221.00	222.00	Peg	26882	0.50	274
MO18DD066	222.00	223.00	Peg	26883	0.18	102
MO18DD066	223.00	224.00	Peg	26884	0.20	119
MO18DD066	224.00	225.00	Peg	26886	0.19	150
MO18DD066	225.00	226.00	Peg	26887	0.25	129
MO18DD066	226.00	227.00	Peg	26888	0.50	386
MO18DD066	227.00	228.00	Peg	26889	0.51	2060
MO18DD066	228.00	229.00	Peg	26891	0.70	229
MO18DD066	229.00	230.00	Peg	26892	0.08	72
MO18DD066	230.00	231.00	Peg	26893	0.16	176
MO18DD066	231.00	232.00	Peg	26894	0.22	161
MO18DD066	232.00	233.00	Peg	26896	0.87	126
MO18DD066	233.00	234.00	Peg	26897	0.26	134
MO18DD066	234.00	235.00	Peg	26898	0.30	183
MO18DD066	235.00	236.00	Peg	26899	0.18	147
MO18DD066	236.00	237.00	Peg	26900	0.14	2820
MO18DD066	237.00	238.00	Peg	26901	0.25	156
MO18DD066	238.00	239.00	Peg	26902	0.10	72
MO18DD066	239.00	240.00	Peg	26903	0.44	358
MO18DD066	240.00	241.00	Peg	26904	0.19	117
MO18DD066	241.00	242.00	Peg	26905	0.23	214
MO18DD066	242.00	243.00	Peg	26906	0.15	466
MO18DD066	243.00	244.00	Peg	26907	0.10	472
MO18DD066	244.00	245.00	Peg	26908	0.20	244
MO18DD066	245.00	246.00	Peg	26909	0.25	451
MO18DD066	246.00	247.00	Peg	26911	0.22	1710
MO18DD066	247.00	248.00	Peg	26912	0.44	1270
MO18DD066	248.00	249.00	Peg	26913	1.54	792
MO18DD066	249.00	250.00	Peg	26914	0.90	1190
MO18DD066	250.00	251.00	Peg	26916	0.62	870
MO18DD066	251.00	252.00	Peg	26917	0.59	1420
MO18DD066	252.00	253.00	Peg	26918	0.69	863
MO18DD066	253.00	254.00	Peg	26919	0.63	422
MO18DD066	254.00	255.00	Peg	26920	0.20	1350
MO18DD066	255.00	256.00	Peg	26921	0.35	145
MO18DD066	256.00	257.00	Peg	26922	1.00	558
MO18DD066	257.00	258.00	Peg	26923	1.48	196
MO18DD066	258.00	259.00	Peg	26924	1.28	249
MO18DD066	259.00	260.00	Peg	26926	1.72	738
MO18DD066	260.00	261.00	Peg	26927	0.23	1630

MO18DD066	261.00	262.00	Peg	26928	0.76	722
MO18DD066	262.00	263.00	Peg	26929	1.31	1220
MO18DD066	263.00	264.00	Peg	26931	0.91	978
MO18DD066	264.00	264.65	Peg	26932	0.02	954
MO18DD066	264.65	265.65	HMs	26933	0.14	79
MO18DD066	265.65	266.65	HMs	26934	0.06	28
MO18DD067	0.00	0.32	Peg	38281	0.10	513
MO18DD067	0.32	0.55	LC	NS_67_1		
MO18DD067	0.55	1.00	Peg	38282	0.24	164
MO18DD067	1.00	1.60	Peg	38283	1.88	421
MO18DD067	1.60	1.80	LC	NS_67_2		
MO18DD067	1.80	3.00	Peg	38284	2.91	569
MO18DD067	3.00	4.00	Peg	38285	1.37	371
MO18DD067	4.00	5.00	Peg	38286	2.23	709
MO18DD067	5.00	6.10	Peg	38287	1.37	139
MO18DD067	6.10	7.00	Peg	38288	1.99	4290
MO18DD067	7.00	8.00	Peg	38289	1.94	640
MO18DD067	8.00	9.00	Peg	38291	2.80	717
MO18DD067	9.00	10.00	Peg	38292	2.48	574
MO18DD067	10.00	11.00	Peg	38293	2.21	673
MO18DD067	11.00	12.00	Peg	38294	2.23	676
MO18DD067	12.00	13.00	Peg	38296	1.29	404
MO18DD067	13.00	14.00	Peg	38297	2.05	867
MO18DD067	14.00	15.00	Peg	38298	0.74	1230
MO18DD067	15.00	16.00	LC	NS_67_3		
MO18DD067	16.00	17.00	Peg	38299	2.28	819
MO18DD067	17.00	18.00	Peg	38300	1.72	638
MO18DD067	18.00	19.00	Peg	38301	2.45	676
MO18DD067	19.00	20.00	Peg	38302	1.29	2060
MO18DD067	20.00	21.00	Peg	38303	2.04	731
MO18DD067	21.00	22.00	Peg	38304	2.12	3550
MO18DD067	22.00	23.00	Peg	38306	2.45	706
MO18DD067	23.00	24.00	Peg	38307	2.86	356
MO18DD067	24.00	25.00	Peg	38308	0.89	1620
MO18DD067	25.00	26.00	Peg	38309	1.05	2170
MO18DD067	26.00	27.00	Peg	38311	2.66	772
MO18DD067	27.00	28.00	Peg	38312	2.53	755
MO18DD067	28.00	29.00	Peg	38313	1.87	1020
MO18DD067	29.00	30.00	Peg	38314	1.21	702
MO18DD067	30.00	31.00	Peg	38316	1.18	1100
MO18DD067	31.00	32.00	Peg	38317	2.03	478
MO18DD067	32.00	33.00	Peg	38318	1.10	355
MO18DD067	33.00	34.00	Peg	38319	1.14	379
MO18DD067	34.00	35.00	Peg	38320	1.14	1940
MO18DD067	35.00	36.00	Peg	38321	1.99	937
MO18DD067	36.00	37.00	Peg	38322	1.12	1150
MO18DD067	37.00	38.00	Peg	38323	0.15	594
MO18DD067	38.00	39.00	Peg	38324	2.11	917
MO18DD067	39.00	40.00	Peg	38325	1.48	1440
MO18DD067	40.00	41.00	Peg	38326	1.78	977

MO18DD067	41.00	42.00	Peg	38327	1.59	421
MO18DD067	42.00	43.00	Peg	38328	1.86	1530
MO18DD067	43.00	44.00	Peg	38329	1.63	1230
MO18DD067	44.00	45.00	Peg	38331	2.21	1150
MO18DD067	45.00	46.00	Peg	38332	2.24	710
MO18DD067	46.00	47.00	Peg	38333	2.17	2090
MO18DD067	47.00	48.00	Peg	38334	1.66	1130
MO18DD067	48.00	49.00	Peg	38336	1.78	1650
MO18DD067	49.00	50.00	Peg	38337	1.64	1300
MO18DD067	50.00	51.00	Peg	38338	1.66	795
MO18DD067	51.00	52.00	Peg	38339	1.25	1450
MO18DD067	52.00	53.00	Peg	38340	1.78	1160
MO18DD067	53.00	54.00	Peg	38341	1.79	1150
MO18DD067	54.00	55.00	Peg	38342	1.35	1210
MO18DD067	55.00	56.00	Peg	38343	1.48	844
MO18DD067	56.00	57.00	Peg	38344	1.99	471
MO18DD067	57.00	58.00	Peg	38346	1.67	1010
MO18DD067	58.00	59.00	Peg	38347	1.77	660
MO18DD067	59.00	60.00	Peg	38348	1.39	1280
MO18DD067	60.00	61.00	Peg	38349	1.59	1520
MO18DD067	61.00	62.00	Peg	38351	1.76	1460
MO18DD067	62.00	63.00	Peg	38352	1.96	1070
MO18DD067	63.00	64.00	Peg	38353	2.43	2290
MO18DD067	64.00	65.00	Peg	38354	0.21	979
MO18DD067	65.00	65.45	Peg	38356	0.92	1190
MO18DD067	65.45	65.83	LC	NS_67_4		
MO18DD067	65.83	67.00	Peg	38357	3.01	902
MO18DD067	67.00	68.00	Peg	38358	2.42	752
MO18DD067	68.00	69.00	Peg	38359	1.28	1620
MO18DD067	69.00	70.00	Peg	38360	1.45	822
MO18DD067	70.00	71.00	Peg	38361	1.01	1040
MO18DD067	71.00	72.00	Peg	38362	1.36	840
MO18DD067	72.00	73.00	Peg	38363	0.86	1320
MO18DD067	73.00	74.00	Peg	38364	1.75	254
MO18DD067	74.00	75.00	Peg	38365	0.11	3610
MO18DD067	75.00	76.00	Peg	38366	1.46	492
MO18DD067	76.00	77.00	Peg	38367	1.29	699
MO18DD067	77.00	78.00	Peg	38368	2.38	727
MO18DD067	78.00	79.00	Peg	38369	1.46	2590
MO18DD067	79.00	80.00	Peg	38371	1.47	1800
MO18DD067	80.00	81.00	Peg	38372	1.56	1550
MO18DD067	81.00	82.00	Peg	38373	2.46	1040
MO18DD067	82.00	83.00	Peg	38374	1.89	3370
MO18DD067	83.00	84.00	Peg	38376	1.42	2300
MO18DD067	84.00	85.00	Peg	38377	1.52	1280
MO18DD067	85.00	86.00	Peg	38378	2.79	417
MO18DD067	86.00	87.00	Peg	38379	1.43	478
MO18DD067	87.00	88.00	Peg	38380	1.91	1710
MO18DD067	88.00	89.00	Peg	38381	1.95	2250
MO18DD067	89.00	90.00	Peg	38382	2.78	572

MO18DD067	90.00	91.00	Peg	38383	2.80	482
MO18DD067	91.00	92.00	Peg	38384	1.50	634
MO18DD067	92.00	93.31	Peg	38386	0.88	4240
MO18DD067	93.31	94.00	HMs	38387	1.07	371
MO18DD067	94.00	97.00	HMs	NS_67_5		
MO18DD067	97.00	98.34	HMs	38388	0.71	186
MO18DD067	98.34	99.00	Peg	38389	1.35	547
MO18DD067	99.00	100.00	Peg	38391	1.74	554
MO18DD067	100.00	101.00	Peg	38392	0.98	786
MO18DD067	101.00	102.00	Peg	38393	0.50	641
MO18DD067	102.00	103.00	Peg	38394	0.79	2070
MO18DD067	103.00	104.00	Peg	38396	2.46	896
MO18DD067	104.00	105.00	Peg	38397	1.95	1290
MO18DD067	105.00	106.00	Peg	38398	1.88	1220
MO18DD067	106.00	107.00	Peg	38399	1.45	1290
MO18DD067	107.00	108.00	Peg	38400	1.73	1250
MO18DD067	108.00	109.00	Peg	38401	0.85	1280
MO18DD067	109.00	110.00	Peg	38402	2.17	1180
MO18DD067	110.00	111.00	Peg	38403	1.61	823
MO18DD067	111.00	112.00	Peg	38404	1.09	1450
MO18DD067	112.00	113.00	Peg	38405	1.71	1010
MO18DD067	113.00	114.00	Peg	38406	2.15	1280
MO18DD067	114.00	115.00	Peg	38407	1.86	903
MO18DD067	115.00	116.00	Peg	38408	1.26	2660
MO18DD067	116.00	117.00	Peg	38409	0.77	1780
MO18DD067	117.00	118.00	Peg	38411	1.80	651
MO18DD067	118.00	119.00	Peg	38412	2.05	1980
MO18DD067	119.00	120.00	Peg	38413	1.90	524
MO18DD067	120.00	121.00	Peg	38414	1.80	955
MO18DD067	121.00	122.00	Peg	38416	1.31	2900
MO18DD067	122.00	123.00	Peg	38417	1.55	1770
MO18DD067	123.00	124.00	Peg	38418	1.84	530
MO18DD067	124.00	125.00	Peg	38419	2.50	1230
MO18DD067	125.00	126.00	Peg	38420	0.74	877
MO18DD067	126.00	127.00	Peg	38421	0.96	2060
MO18DD067	127.00	128.00	Peg	38422	2.77	653
MO18DD067	128.00	129.00	Peg	38423	1.54	640
MO18DD067	129.00	130.00	Peg	38424	0.34	2570
MO18DD067	130.00	130.50	Peg	38426	0.08	424
MO18DD067	130.50	131.50	HMs	38427	0.48	242
MO18DD067	131.50	132.50	HMs	38428	0.40	179
MO18DD068	0.00	0.15	SLK	NS_68		
MO18DD068	0.15	1.00	Peg	49271	0.18	774
MO18DD068	1.00	2.23	Peg	49272	1.69	776
MO18DD068	2.23	2.33	LC	NS_68_1		
MO18DD068	2.33	3.00	Peg	49273	1.69	1170
MO18DD068	3.00	4.00	Peg	49274	1.96	921
MO18DD068	4.00	5.00	Peg	49275	1.64	867
MO18DD068	5.00	5.79	Peg	49276	2.49	1435
MO18DD068	5.79	6.10	Peg	49277	0.25	1355

MO18DD068	6.10	6.33	LC	NS_68_2		
MO18DD068	6.33	7.00	Peg	49278	1.99	458
MO18DD068	7.00	8.00	Peg	49279	1.37	1040
MO18DD068	8.00	9.00	Peg	49281	1.66	756
MO18DD068	9.00	10.00	Peg	49282	2.48	1000
MO18DD068	10.00	11.00	Peg	49283	1.56	1685
MO18DD068	11.00	12.00	Peg	49284	1.26	2000
MO18DD068	12.00	13.00	Peg	49286	2.24	1100
MO18DD068	13.00	14.00	Peg	49287	2.37	555
MO18DD068	14.00	15.00	Peg	49288	1.17	2500
MO18DD068	15.00	16.00	Peg	49289	1.82	919
MO18DD068	16.00	17.00	Peg	49290	3.08	696
MO18DD068	17.00	18.00	Peg	49291	2.38	702
MO18DD068	18.00	19.00	Peg	49292	2.57	959
MO18DD068	19.00	20.00	Peg	49293	1.94	637
MO18DD068	20.00	21.00	Peg	49294	1.07	1935
MO18DD068	21.00	22.00	Peg	49296	1.64	1115
MO18DD068	22.00	23.00	Peg	49297	0.96	1310
MO18DD068	23.00	24.00	Peg	49298	1.56	915
MO18DD068	24.00	25.00	Peg	49299	1.36	2740
MO18DD068	25.00	26.00	Peg	49301	1.96	266
MO18DD068	26.00	27.00	Peg	49302	0.29	1105
MO18DD068	27.00	28.00	Peg	49303	1.65	861
MO18DD068	28.00	29.00	Peg	49304	2.20	1990
MO18DD068	29.00	30.00	Peg	49306	2.20	559
MO18DD068	30.00	31.00	Peg	49307	2.00	6320
MO18DD068	31.00	32.00	Peg	49308	0.91	704
MO18DD068	32.00	33.00	Peg	49309	0.74	1200
MO18DD068	33.00	34.00	Peg	49310	0.80	1070
MO18DD068	34.00	35.00	Peg	49311	2.14	759
MO18DD068	35.00	36.00	Peg	49312	1.34	947
MO18DD068	36.00	37.00	Peg	49313	1.88	1700
MO18DD068	37.00	38.00	Peg	49314	1.27	834
MO18DD068	38.00	39.00	Peg	49315	2.27	1660
MO18DD068	39.00	40.00	Peg	49316	2.21	1080
MO18DD068	40.00	41.00	Peg	49317	1.67	749
MO18DD068	41.00	42.00	Peg	49318	1.69	381
MO18DD068	42.00	43.00	Peg	49319	2.38	768
MO18DD068	43.00	44.00	Peg	49321	2.71	613
MO18DD068	44.00	45.00	Peg	49322	2.60	565
MO18DD068	45.00	46.00	Peg	49323	0.93	1060
MO18DD068	46.00	47.00	Peg	49324	1.00	946
MO18DD068	47.00	48.00	Peg	49326	1.46	475
MO18DD068	48.00	49.00	Peg	49327	0.80	724
MO18DD068	49.00	49.46	Peg	49328	0.15	2690
MO18DD068	49.46	50.00	HMs	49329	0.58	144
MO18DD068	50.00	53.00	HMs	NS_68_3		
MO18DD068	53.00	53.47	HMs	49330	0.25	42
MO18DD068	53.47	54.00	Peg	49331	0.59	193
MO18DD068	54.00	55.00	Peg	49332	1.40	848

MO18DD068	55.00	56.00	Peg	49333	2.96	290
MO18DD068	56.00	57.00	Peg	49334	0.33	631
MO18DD068	57.00	58.00	Peg	49336	2.16	528
MO18DD068	58.00	59.00	Peg	49337	1.50	490
MO18DD068	59.00	60.00	Peg	49338	2.10	252
MO18DD068	60.00	61.00	Peg	49339	2.59	460
MO18DD068	61.00	62.00	Peg	49341	1.66	1450
MO18DD068	62.00	63.00	Peg	49342	1.10	294
MO18DD068	63.00	64.00	Peg	49343	1.57	1020
MO18DD068	64.00	65.00	Peg	49344	2.70	1210
MO18DD068	65.00	66.00	Peg	49346	1.94	981
MO18DD068	66.00	67.00	Peg	49347	2.24	705
MO18DD068	67.00	68.00	Peg	49348	1.91	432
MO18DD068	68.00	69.00	Peg	49349	1.29	574
MO18DD068	69.00	70.00	Peg	49350	1.47	1260
MO18DD068	70.00	71.00	Peg	49351	2.82	1450
MO18DD068	71.00	72.00	Peg	49352	2.11	1010
MO18DD068	72.00	73.00	Peg	49353	1.83	1110
MO18DD068	73.00	74.00	Peg	49354	1.99	1280
MO18DD068	74.00	75.00	Peg	49355	1.66	1040
MO18DD068	75.00	76.00	Peg	49356	1.72	667
MO18DD068	76.00	77.00	Peg	49357	2.45	514
MO18DD068	77.00	78.00	Peg	49358	0.67	675
MO18DD068	78.00	79.00	Peg	49359	1.80	2340
MO18DD068	79.00	80.00	Peg	49361	1.22	902
MO18DD068	80.00	81.00	Peg	49362	2.18	281
MO18DD068	81.00	82.00	Peg	49363	0.82	541
MO18DD068	82.00	83.00	Peg	49364	1.03	851
MO18DD068	83.00	84.00	Peg	49366	0.72	795
MO18DD068	84.00	85.00	Peg	49367	1.52	281
MO18DD068	85.00	86.00	Peg	49368	1.26	531
MO18DD068	86.00	87.00	Peg	49369	0.77	4470
MO18DD068	87.00	88.00	Peg	49370	1.28	662
MO18DD068	88.00	89.03	Peg	49371	0.45	855
MO18DD068	89.03	90.00	HMs	49372	0.35	104
MO18DD068	90.00	99.00		NS_68_4		
MO18DD068	99.00	100.17	HMsbq	49373	0.40	110
MO18DD068	100.17	101.00	Peg	49374	0.41	313
MO18DD068	101.00	102.00	Peg	49376	1.53	2000
MO18DD068	102.00	103.00	Peg	49377	2.54	1350
MO18DD068	103.00	104.00	Peg	49378	2.30	1070
MO18DD068	104.00	105.00	Peg	49379	1.09	1270
MO18DD068	105.00	106.00	Peg	49381	1.83	409
MO18DD068	106.00	107.00	Peg	49382	1.14	700
MO18DD068	107.00	108.00	Peg	49383	1.87	1190
MO18DD068	108.00	109.00	Peg	49384	1.58	1090
MO18DD068	109.00	110.00	Peg	49386	2.10	1260
MO18DD068	110.00	111.00	Peg	49387	2.34	1490
MO18DD068	111.00	112.00	Peg	49388	1.55	902
MO18DD068	112.00	113.00	Peg	49389	1.86	923

MO18DD068	113.00	114.00	Peg	49390	2.93	4660
MO18DD068	114.00	115.00	Peg	49391	2.35	279
MO18DD068	115.00	116.00	Peg	49392	1.76	1280
MO18DD068	116.00	117.00	Peg	49393	1.43	2500
MO18DD068	117.00	118.00	Peg	49394	2.01	1290
MO18DD068	118.00	119.00	Peg	49395	2.27	1370
MO18DD068	119.00	120.00	Peg	49396	1.74	1010
MO18DD068	120.00	121.00	Peg	49397	1.93	1580
MO18DD068	121.00	122.00	Peg	49398	2.32	1200
MO18DD068	122.00	123.00	Peg	49399	1.93	1520
MO18DD068	123.00	124.00	Peg	49401	2.21	1640
MO18DD068	124.00	125.00	Peg	49402	1.48	1810
MO18DD068	125.00	126.00	Peg	49403	1.48	1090
MO18DD068	126.00	127.00	Peg	49404	1.60	980
MO18DD068	127.00	128.00	Peg	49406	1.16	1140
MO18DD068	128.00	129.00	Peg	49407	2.35	1020
MO18DD068	129.00	130.00	Peg	49408	0.64	844
MO18DD068	130.00	131.00	Peg	49409	1.79	905
MO18DD068	131.00	132.00	Peg	49410	0.92	684
MO18DD068	132.00	133.00	Peg	49411	1.14	510
MO18DD068	133.00	134.00	Peg	49412	1.88	920
MO18DD068	134.00	134.76	Peg	49413	0.67	941
MO18DD068	134.76	136.00	HMs	49414	0.45	105
MO18DD068	136.00	144.00		NS_68_5		
MO18DD068	144.00	144.79	HMs	49416	0.17	101
MO18DD068	144.79	146.00	Peg	49417	1.12	764
MO18DD068	146.00	147.00	Peg	49418	2.22	565
MO18DD068	147.00	148.00	Peg	49419	1.67	294
MO18DD068	148.00	149.00	Peg	49421	2.12	651
MO18DD068	149.00	150.00	Peg	49422	2.32	662
MO18DD068	150.00	151.00	Peg	49423	1.83	890
MO18DD068	151.00	152.00	Peg	49424	1.46	1020
MO18DD068	152.00	153.00	Peg	49426	1.44	894
MO18DD068	153.00	154.00	Peg	49427	2.44	383
MO18DD068	154.00	155.00	Peg	49428	1.60	1320
MO18DD068	155.00	156.00	Peg	49429	2.60	433
MO18DD068	156.00	157.00	Peg	49430	1.75	1030
MO18DD068	157.00	158.00	Peg	49431	0.98	2900
MO18DD068	158.00	158.89	Peg	49432	0.35	616
MO18DD068	158.89	160.00	HMs	49433	0.18	112
MO18DD068	160.00	161.00	HMs	49434	0.38	208
MO18DD069	0.00	0.35	SLK	38441	0.16	676
MO18DD069	0.35	0.75	Peg	38442	0.12	756
MO18DD069	0.75	1.15	LC	NS_69_1		
MO18DD069	1.15	1.70	Peg	38443	2.14	2870
MO18DD069	1.70	2.45	LC	NS_69_2		
MO18DD069	2.45	3.00	Peg	38444	1.43	1170
MO18DD069	3.00	4.00	Peg	38445	1.42	1150
MO18DD069	4.00	5.00	Peg	38446	1.77	1150
MO18DD069	5.00	5.93	Peg	38447	1.07	1800

MO18DD069	5.93	7.00	Peg	38448	1.87	248
MO18DD069	7.00	8.00	Peg	38449	1.34	588
MO18DD069	8.00	9.00	Peg	38451	1.51	832
MO18DD069	9.00	10.00	Peg	38452	1.55	742
MO18DD069	10.00	11.00	Peg	38453	2.27	398
MO18DD069	11.00	12.00	Peg	38454	1.25	1260
MO18DD069	12.00	13.00	Peg	38456	2.04	837
MO18DD069	13.00	14.00	Peg	38457	2.21	1070
MO18DD069	14.00	15.00	Peg	38458	1.59	1080
MO18DD069	15.00	15.28	LC	NS_69_3		
MO18DD069	15.28	16.00	Peg	38459	2.13	1330
MO18DD069	16.00	17.00	Peg	38460	2.05	581
MO18DD069	17.00	18.00	Peg	38461	1.99	1010
MO18DD069	18.00	19.30	Peg	38462	0.65	1360
MO18DD069	19.30	20.53	LC	NS_69_4		
MO18DD069	20.53	21.15	Peg	38463	1.75	1140
MO18DD069	21.15	21.88	LC	NS_69_5		
MO18DD069	21.88	23.00	Peg	38464	2.00	839
MO18DD069	23.00	24.00	Peg	38466	1.91	1820
MO18DD069	24.00	25.00	Peg	38467	0.41	1930
MO18DD069	25.00	25.70	Peg	38468	1.46	834
MO18DD069	25.70	26.45	LC	NS_69_6		
MO18DD069	26.45	27.00	Peg	38469	2.71	334
MO18DD069	27.00	28.00	Peg	38471	1.42	826
MO18DD069	28.00	29.00	Peg	38472	1.75	1680
MO18DD069	29.00	29.53	Peg	38473	1.54	717
MO18DD069	29.53	29.73	LC	NS_69_7		
MO18DD069	29.73	31.00	Peg	38474	0.48	400
MO18DD069	31.00	32.00	Peg	38476	0.88	948
MO18DD069	32.00	33.00	Peg	38477	1.15	1240
MO18DD069	33.00	34.00	Peg	38478	0.72	773
MO18DD069	34.00	35.00	Peg	38479	2.50	586
MO18DD069	35.00	36.00	Peg	38480	1.62	1030
MO18DD069	36.00	37.00	Peg	38481	2.04	1330
MO18DD069	37.00	38.00	Peg	38482	1.72	1040
MO18DD069	38.00	39.00	Peg	38483	2.81	672
MO18DD069	39.00	40.00	Peg	38484	1.20	1300
MO18DD069	40.00	41.00	Peg	38485	2.00	886
MO18DD069	41.00	42.00	Peg	38486	1.35	1330
MO18DD069	42.00	43.00	Peg	38487	0.56	5190
MO18DD069	43.00	44.00	Peg	38488	1.68	411
MO18DD069	44.00	45.00	Peg	38489	2.30	2320
MO18DD069	45.00	46.00	Peg	38491	1.97	1740
MO18DD069	46.00	47.00	Peg	38492	1.71	932
MO18DD069	47.00	48.00	Peg	38493	1.18	883
MO18DD069	48.00	49.00	Peg	38494	1.47	4200
MO18DD069	49.00	50.00	Peg	38496	1.04	1790
MO18DD069	50.00	51.00	Peg	38497	1.22	1470
MO18DD069	51.00	52.00	Peg	38498	1.63	1850
MO18DD069	52.00	53.00	Peg	38499	1.52	914

MO18DD069	53.00	54.00	Peg	38500	0.82	760
MO18DD069	54.00	55.00	Peg	38501	1.81	999
MO18DD069	55.00	56.06	Peg	38502	1.48	1290
MO18DD069	56.06	56.46	LC	NS_69_8		
MO18DD069	56.46	57.00	Peg	38503	2.03	810
MO18DD069	57.00	58.00	Peg	38504	1.69	1850
MO18DD069	58.00	59.00	Peg	38506	1.03	1480
MO18DD069	59.00	60.00	Peg	38507	1.35	182
MO18DD069	60.00	61.00	Peg	38508	1.51	289
MO18DD069	61.00	62.00	Peg	38509	1.29	456
MO18DD069	62.00	63.00	Peg	38511	2.15	1390
MO18DD069	63.00	64.00	Peg	38512	1.81	1070
MO18DD069	64.00	65.00	Peg	38513	2.21	978
MO18DD069	65.00	66.00	Peg	38514	2.73	606
MO18DD069	66.00	67.00	Peg	38516	2.38	514
MO18DD069	67.00	68.00	Peg	38517	1.87	347
MO18DD069	68.00	69.00	Peg	38518	1.01	675
MO18DD069	69.00	70.00	Peg	38519	2.01	891
MO18DD069	70.00	71.00	Peg	38520	2.24	972
MO18DD069	71.00	72.00	Peg	38521	0.94	2140
MO18DD069	72.00	73.00	Peg	38522	1.93	2180
MO18DD069	73.00	74.00	Peg	38523	2.14	580
MO18DD069	74.00	75.00	Peg	38524	1.24	977
MO18DD069	75.00	76.00	Peg	38525	0.71	337
MO18DD069	76.00	77.00	Peg	38526	1.40	1320
MO18DD069	77.00	78.00	Peg	38527	1.47	863
MO18DD069	78.00	79.00	Peg	38528	2.77	287
MO18DD069	79.00	80.00	Peg	38529	1.66	530
MO18DD069	80.00	81.00	Peg	38531	1.98	1360
MO18DD069	81.00	82.00	Peg	38532	2.40	1820
MO18DD069	82.00	83.00	Peg	38533	1.73	1070
MO18DD069	83.00	84.00	Peg	38534	1.51	481
MO18DD069	84.00	85.00	Peg	38536	2.06	396
MO18DD069	85.00	86.00	Peg	38537	2.23	366
MO18DD069	86.00	87.00	Peg	38538	1.25	651
MO18DD069	87.00	88.00	Peg	38539	1.32	1120
MO18DD069	88.00	89.00	Peg	38540	0.27	370
MO18DD069	89.00	90.00	Peg	38541	1.08	1170
MO18DD069	90.00	91.00	Peg	38542	0.97	1320
MO18DD069	91.00	92.00	Peg	38543	1.96	798
MO18DD069	92.00	93.00	Peg	38544	1.87	575
MO18DD069	93.00	94.00	Peg	38546	2.02	480
MO18DD069	94.00	95.00	Peg	38547	2.87	768
MO18DD069	95.00	96.00	Peg	38548	1.70	634
MO18DD069	96.00	97.00	Peg	38549	1.46	1490
MO18DD069	97.00	98.00	Peg	38551	1.66	1160
MO18DD069	98.00	99.00	Peg	38552	2.70	439
MO18DD069	99.00	100.00	Peg	38553	2.29	670
MO18DD069	100.00	101.00	Peg	38554	1.47	250
MO18DD069	101.00	102.00	Peg	38556	0.82	336

MO18DD069	102.00	103.00	Peg	38557	1.44	1380
MO18DD069	103.00	104.00	Peg	38558	0.79	241
MO18DD069	104.00	105.00	Peg	38559	1.16	223
MO18DD069	105.00	106.00	Peg	38560	1.55	797
MO18DD069	106.00	107.00	Peg	38561	0.70	1170
MO18DD069	107.00	108.00	Peg	38562	2.11	1590
MO18DD069	108.00	109.00	Peg	38563	1.70	425
MO18DD069	109.00	110.00	Peg	38564	1.13	2310
MO18DD069	110.00	111.00	Peg	38565	2.20	1170
MO18DD069	111.00	112.00	Peg	38566	2.05	441
MO18DD069	112.00	113.00	Peg	38567	0.71	760
MO18DD069	113.00	114.00	Peg	38568	1.05	795
MO18DD069	114.00	115.00	Peg	38569	0.42	847
MO18DD069	115.00	116.00	Peg	38571	2.19	992
MO18DD069	116.00	117.00	Peg	38572	1.22	1220
MO18DD069	117.00	118.00	Peg	38573	0.73	1060
MO18DD069	118.00	119.00	Peg	38574	1.84	822
MO18DD069	119.00	120.00	Peg	38576	1.15	1730
MO18DD069	120.00	121.00	Peg	38577	1.33	1210
MO18DD069	121.00	122.00	Peg	38578	1.03	1370
MO18DD069	122.00	123.00	Peg	38579	1.04	1370
MO18DD069	123.00	124.00	Peg	38580	2.05	1160
MO18DD069	124.00	125.00	Peg	38581	2.00	677
MO18DD069	125.00	126.00	Peg	38582	1.35	1190
MO18DD069	126.00	127.00	Peg	38583	2.69	1080
MO18DD069	127.00	128.00	Peg	38584	1.77	1330
MO18DD069	128.00	129.00	Peg	38586	1.33	1820
MO18DD069	129.00	130.00	Peg	38587	2.06	2920
MO18DD069	130.00	131.00	Peg	38588	2.20	1330
MO18DD069	131.00	132.00	Peg	38589	0.89	1040
MO18DD069	132.00	133.00	Peg	38591	1.09	1290
MO18DD069	133.00	134.00	Peg	38592	1.50	1070
MO18DD069	134.00	135.00	Peg	38593	1.16	1230
MO18DD069	135.00	136.00	Peg	38594	1.05	1020
MO18DD069	136.00	137.00	Peg	38596	0.93	843
MO18DD069	137.00	138.00	Peg	38597	0.43	321
MO18DD069	138.00	139.00	Peg	38598	1.59	216
MO18DD069	139.00	140.00	Peg	38599	1.44	545
MO18DD069	140.00	141.00	Peg	38600	1.41	195
MO18DD069	141.00	142.00	Peg	38601	1.55	1250
MO18DD069	142.00	143.00	Peg	38602	1.12	1300
MO18DD069	143.00	144.00	Peg	38603	1.37	1230
MO18DD069	144.00	145.00	Peg	38604	2.10	1270
MO18DD069	145.00	146.00	Peg	38605	1.54	1210
MO18DD069	146.00	147.00	Peg	38606	1.16	3010
MO18DD069	147.00	148.00	Peg	38607	1.05	3170
MO18DD069	148.00	149.00	Peg	38608	2.06	2040
MO18DD069	149.00	150.00	Peg	38609	2.01	236
MO18DD069	150.00	151.00	Peg	38611	0.79	429
MO18DD069	151.00	152.00	Peg	38612	1.43	813

MO18DD069	152.00	153.00	Peg	38613	1.28	805
MO18DD069	153.00	154.00	Peg	38614	1.66	1320
MO18DD069	154.00	155.00	Peg	38616	1.45	1160
MO18DD069	155.00	156.00	Peg	38617	2.41	651
MO18DD069	156.00	157.00	Peg	38618	0.45	734
MO18DD069	157.00	158.00	Peg	38619	1.31	396
MO18DD069	158.00	159.00	Peg	38620	1.48	1510
MO18DD069	159.00	160.00	Peg	38621	2.14	409
MO18DD069	160.00	161.00	Peg	38622	1.19	1630
MO18DD069	161.00	162.00	Peg	38623	1.23	573
MO18DD069	162.00	163.00	Peg	38624	2.24	541
MO18DD069	163.00	164.00	Peg	38626	0.11	583
MO18DD069	164.00	165.00	Peg	38627	0.05	1280
MO18DD069	165.00	166.00	Peg	38628	0.05	760
MO18DD069	166.00	167.07	Peg	38629	0.06	741
MO18DD069	167.07	167.40	Peg	38631	0.85	400
MO18DD069	167.40	168.00	Peg	38632	0.05	504
MO18DD069	168.00	169.00	Peg	38633	0.05	981
MO18DD069	169.00	169.87	Peg	38634	0.03	791
MO18DD069	169.87	171.00	HMs	38636	0.30	118
MO18DD069	171.00	172.00	HMs	38637	0.27	66
MO18DD070	0.00	218.28		NS_70		
MO18DD070	218.28	219.28	HMSst	38641	0.36	106
MO18DD070	219.28	220.28	HMSst	38642	0.29	130
MO18DD070	220.28	221.00	Peg	38643	0.10	751
MO18DD070	221.00	222.00	Peg	38644	0.06	1320
MO18DD070	222.00	223.00	Peg	38645	2.11	520
MO18DD070	223.00	224.00	Peg	38646	1.04	872
MO18DD070	224.00	225.00	Peg	38647	1.44	546
MO18DD070	225.00	226.00	Peg	38648	1.17	1290
MO18DD070	226.00	227.00	Peg	38649	2.25	732
MO18DD070	227.00	228.00	Peg	38651	2.26	1310
MO18DD070	228.00	229.00	Peg	38652	1.29	2500
MO18DD070	229.00	230.00	Peg	38653	0.81	1260
MO18DD070	230.00	231.00	Peg	38654	2.10	751
MO18DD070	231.00	232.00	Peg	38656	3.02	335
MO18DD070	232.00	233.00	Peg	38657	2.05	510
MO18DD070	233.00	234.00	Peg	38658	2.14	491
MO18DD070	234.00	235.00	Peg	38659	1.21	1120
MO18DD070	235.00	236.00	Peg	38660	2.42	2080
MO18DD070	236.00	237.00	Peg	38661	2.08	1240
MO18DD070	237.00	238.00	Peg	38662	2.25	912
MO18DD070	238.00	239.00	Peg	38663	1.59	527
MO18DD070	239.00	240.00	Peg	38664	1.83	1200
MO18DD070	240.00	241.00	Peg	38666	2.08	995
MO18DD070	241.00	242.00	Peg	38667	2.09	1100
MO18DD070	242.00	243.00	Peg	38668	1.20	1370
MO18DD070	243.00	244.00	Peg	38669	2.15	894
MO18DD070	244.00	245.00	Peg	38671	2.53	902
MO18DD070	245.00	246.00	Peg	38672	1.51	1190

MO18DD070	246.00	247.00	Peg	38673	1.39	1580
MO18DD070	247.00	248.00	Peg	38674	1.27	2790
MO18DD070	248.00	249.00	Peg	38676	1.97	2310
MO18DD070	249.00	250.00	Peg	38677	1.15	1320
MO18DD070	250.00	251.00	Peg	38678	1.61	1230
MO18DD070	251.00	252.00	Peg	38679	1.82	1000
MO18DD070	252.00	253.00	Peg	38680	2.29	1620
MO18DD070	253.00	254.00	Peg	38681	2.14	752
MO18DD070	254.00	255.00	Peg	38682	2.05	1030
MO18DD070	255.00	256.00	Peg	38683	2.90	840
MO18DD070	256.00	257.00	Peg	38684	1.26	1450
MO18DD070	257.00	258.00	Peg	38685	1.42	1220
MO18DD070	258.00	259.00	Peg	38686	2.26	1050
MO18DD070	259.00	260.00	Peg	38687	1.37	1220
MO18DD070	260.00	261.00	Peg	38688	1.54	1640
MO18DD070	261.00	262.00	Peg	38689	1.05	1220
MO18DD070	262.00	263.00	Peg	38691	1.65	1240
MO18DD070	263.00	264.00	Peg	38692	1.29	1700
MO18DD070	264.00	265.00	Peg	38693	1.59	1420
MO18DD070	265.00	266.00	Peg	38694	1.74	1400
MO18DD070	266.00	267.00	Peg	38696	1.61	1340
MO18DD070	267.00	268.00	Peg	38697	1.44	1450
MO18DD070	268.00	269.00	Peg	38698	1.29	1410
MO18DD070	269.00	270.00	Peg	38699	1.38	1710
MO18DD070	270.00	271.00	Peg	38700	1.60	1700
MO18DD070	271.00	272.00	Peg	38701	1.01	1960
MO18DD070	272.00	273.00	Peg	38702	1.45	1390
MO18DD070	273.00	274.00	Peg	38703	1.54	1460
MO18DD070	274.00	275.00	Peg	38704	1.61	1060
MO18DD070	275.00	276.00	Peg	38706	1.76	1320
MO18DD070	276.00	277.00	Peg	38707	1.99	1440
MO18DD070	277.00	278.00	Peg	38708	2.87	651
MO18DD070	278.00	279.00	Peg	38709	1.16	1960
MO18DD070	279.00	280.00	Peg	38711	1.12	1470
MO18DD070	280.00	281.00	Peg	38712	1.50	1420
MO18DD070	281.00	282.00	Peg	38713	1.95	1860
MO18DD070	282.00	283.00	Peg	38714	2.09	1460
MO18DD070	283.00	284.00	Peg	38716	1.83	1340
MO18DD070	284.00	285.00	Peg	38717	2.17	1090
MO18DD070	285.00	286.00	Peg	38718	1.99	1290
MO18DD070	286.00	287.00	Peg	38719	2.44	1210
MO18DD070	287.00	288.00	Peg	38720	1.34	1410
MO18DD070	288.00	289.00	Peg	38721	1.59	1250
MO18DD070	289.00	290.00	Peg	38722	1.53	969
MO18DD070	290.00	291.00	Peg	38723	1.80	1410
MO18DD070	291.00	292.00	Peg	38724	1.70	1220
MO18DD070	292.00	293.00	Peg	38725	1.71	1230
MO18DD070	293.00	294.00	Peg	38726	1.16	1380
MO18DD070	294.00	295.00	Peg	38727	1.15	1670
MO18DD070	295.00	296.00	Peg	38728	1.95	1420

MO18DD070	296.00	297.00	Peg	38729	1.32	1870
MO18DD070	297.00	298.00	Peg	38731	1.77	515
MO18DD070	298.00	299.00	Peg	38732	2.22	449
MO18DD070	299.00	300.00	Peg	38733	1.81	510
MO18DD070	300.00	301.00	Peg	38734	1.21	472
MO18DD070	301.00	302.00	Peg	38736	1.62	738
MO18DD070	302.00	303.00	Peg	38737	2.15	754
MO18DD070	303.00	304.00	Peg	38738	2.60	596
MO18DD070	304.00	305.00	Peg	38739	2.07	1090
MO18DD070	305.00	306.00	Peg	38740	1.38	1030
MO18DD070	306.00	307.00	Peg	38741	2.99	854
MO18DD070	307.00	308.00	Peg	38742	2.11	1310
MO18DD070	308.00	309.00	Peg	38743	1.59	1390
MO18DD070	309.00	310.00	Peg	38744	1.63	1040
MO18DD070	310.00	311.00	Peg	38746	1.26	1190
MO18DD070	311.00	312.00	Peg	38747	2.27	970
MO18DD070	312.00	313.00	Peg	38748	1.45	1520
MO18DD070	313.00	314.00	Peg	38749	2.28	1870
MO18DD070	314.00	315.00	Peg	38751	1.73	1740
MO18DD070	315.00	316.00	Peg	38752	1.10	1380
MO18DD070	316.00	317.00	Peg	38753	1.81	1020
MO18DD070	317.00	318.00	Peg	38754	2.10	874
MO18DD070	318.00	319.00	Peg	38756	1.77	1050
MO18DD070	319.00	320.00	Peg	38757	1.18	1720
MO18DD070	320.00	321.00	Peg	38758	1.43	1610
MO18DD070	321.00	322.00	Peg	38759	3.40	1290
MO18DD070	322.00	323.00	Peg	38760	2.44	852
MO18DD070	323.00	324.00	Peg	38761	2.63	1740
MO18DD070	324.00	325.00	Peg	38762	1.11	1960
MO18DD070	325.00	326.00	Peg	38763	2.39	895
MO18DD070	326.00	327.00	Peg	38764	1.51	1940
MO18DD070	327.00	328.00	Peg	38765	1.21	972
MO18DD070	328.00	329.20	Peg	38766	0.70	2290

JORC TABLE 1

Section 1 Sampling Techniques and Data (Criteria in this section apply to all succeeding sections.)	
Criteria	**Commentary**
Sampling techniques	• 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.
Drilling techniques	• The drilling was completed using diamond core rigs with PQ used from surface to sample through to fresh-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 weathered bedrock. All collars were surveyed after completion. All holes were downhole surveyed using a digital multi-shot camera at about 30 m intervals. Apart from drillholes MO17DD001, MO17DD002, MO18DD001 and MO18DD008, all core was oriented.
Drill sample recovery	• 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	• 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	Commentary
Sub-sampling techniques and sample preparation	• 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-ample 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 ALS Lubumbashi and ALS 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.
Quality of assay data and laboratory tests	• Diamond drillhole (core) samples were submitted to ALS Lubumbashi and ALS 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. 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 Li_2O, Al as Al_2O_3, Si as SiO_2, K as K_2O, Mg as MgO, Fe as Fe_2O_3 and P as P_2O_5. • 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	Commentary
Verification of sampling and assaying	• MSA observed the mineralisation in the majority of cores on site, although no check assaying was completed by MSA. • MSA 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	• 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. • 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	• Drillhole spacing was completed on sections 100 m apart, and collars were 50 to 100 m apart on section where possible. In situations of difficult terrain, multiple holes were drilled from a single drill pad using differing angles for each drillhole.
Orientation of data in relation to geological structure	• The drillhole orientation is designed to intersect the Roche Dure Pegmatite at, or nearly at, 90° to the plane of the pegmatite. • Some boreholes have been drilled from the north to intersect the footwall of the pegmatite and are drill slightly oblique to the dip of the pegmatite (see section for MO18DD070) • No material sampling bias exists due to drilling direction.
Sample security	• When utilizing ALS Lubumbashi, 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 in Lubumbashi. The ALS laboratory checked received samples against the sample dispatch form and issues a reconciliation report. • At Lubumbashi, 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 independently by ALS who supervise the sample preparation. 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 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	**Commentary**
Mineral tenement and land tenure status	• 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 30% and Dathomir 10%. • AVZ manages the project and meets all funding requirements. • All indigenous title is cleared and there are no other known historical or environmentally sensitive areas.
Exploration done 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	• 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.
Drill hole Information	• See table for collar, survey and assay data.

Criteria	Commentary
Data aggregation methods	• 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	• 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	• The relevant plans and sections are included in this document.
Balanced reporting	• All pegmatite intersections for holes MO18DD027, 66, 67, 68, 69 and 70 are reported.
Other substantive exploration data	• No other exploration data is available.
Further work	• Diamond drill testing of the identified priority targets will be on-going. • Drilling of 5 metallurgical test work drill holes has been completed.