

**17 FEBRUARY 2017** 

### MALLINA SPODUMENE MINERALISATION EXTENDED AND NEW HIGH-GRADE ZONES IDENTIFIED

#### Highlights

- Assay results extends known lithium mineralisation; 5 spodumene pegmatites identified within 1km<sup>2</sup> area
- Rock results up to 3.47% Li<sub>2</sub>O in newly identified pegmatite
- Orientation soils show strong anomaly to 1.12% Li<sub>2</sub>O over discovery spodumene pegmatite
- Much of the Pegmatite swarm and general tenement area remains untested by any
  previous lithium exploration
- Statutory approvals to allow drill testing commencing

Sayona Mining Limited (ASX: SYA) ("Sayona" or the "Company") is pleased to report the assay results from its first phase of sampling at the Mallina project, located in the world-class Pilgangoora lithium district of Western Australia.

Sample and mapping results have:

- Identified five lithium mineralised spodumene bearing pegmatites up to 3.75% Li<sub>2</sub>O located within a 1 km<sup>2</sup> zone (see Figure 1);
- These pegmatites form part of a larger pegmatite swarm and have elevated cesium-rubidium-tantalum, typical of fractionated LCT rare metal pegmatites;
- Pegmatites are typically poorly exposed and contacts with country rock are not visible and true thickness is not known. It is anticipated further detailed traversing will identify additional mineralisation;
- Orientation soil geochemistry over the Discovery pegmatite has returned up to 10,120ppm (1.01%) Li2O in the coarse soil fraction. Results indicate soil geochemistry may be an effective exploration method to test the large areas of soil cover within the tenement; and

The 140 km<sup>2</sup> tenement forms part of the recently completed Option agreement with Great Sandy Pty Ltd, comprising 871 km<sup>2</sup> of tenure that complements Sayona's additional 1,047 km<sup>2</sup> lithium exploration portfolio in the Pilbara region.



Corey Nolan, Chief Executive Officer, commented "The Company is very encouraged by the new assay results from both the soil and rock chip programs. Exploration will continue with a focus on outlining potential drill targets as soon as possible on a number of the prospective targets identified from the current exploration program".

## Soil and Rock Chip Sampling Program

Recent reconnaissance and mapping within the Mallina tenement area has focused around the Discovery pegmatite area, with 93 rock and 66 soil geochemical samples collected (see figure 1 below and Appendix 1).

The Discovery pegmatite is an albite-spodumene pegmatite mapped over 500 metres of strike extent with rock chip assays up to 2.13% Li<sub>2</sub>O (see ASX release, 21 December, 2016).

The Company's recent work has identified four previously unknown lithium mineralised spodumene pegmatites, which form part of an extensive swarm of pegmatites. The eleven rock samples collected over the Discovery pegmatite returned an average of 1.48% Li<sub>2</sub>O, with all of the samples collected to date in this 500 metres plus strike length target (21 rocks samples) averaging 1.35% Li<sub>2</sub>O. The pegmatite is weathered, in part silicified and has poor outcrop, typically visible over widths of 3 to 5 metres and up to 8 metres, but without the contacts to adjacent greenstone rocks being observed. The true width of the structure is not yet known.

West of the Discovery pegmatite, two other areas of lithium mineralised pegmatites have been identified, with rock samples returning up to 2.65% Li<sub>2</sub>O. These pegmatites are also poorly outcropping, but can be traced intermittently over several hundred metres of strike extent. Additional traversing in this area is planned to more fully understand the extents of the mineralisation.

Significantly, a single pegmatite outcrop, located 900 metres to the south of the Discovery pegmatite was identified and sampled, returning an assay of 3.47% Li<sub>2</sub>O. This area has very poor outcrop and further reconnaissance and sampling will be undertaken to try to define the extents to the mineralisation. The results do however, indicate the potential of the area to host additional mineralised pegmatites. These targets may lie under shallow soil cover.

An orientation soil geochemical programme was undertaken over the known discovery pegmatite. Results to 5,230ppm Li (1.12%  $Li_2O$ ) were returned from the coarse soil fraction, indication further sampling could be an effective test of the covered portions of the tenement.



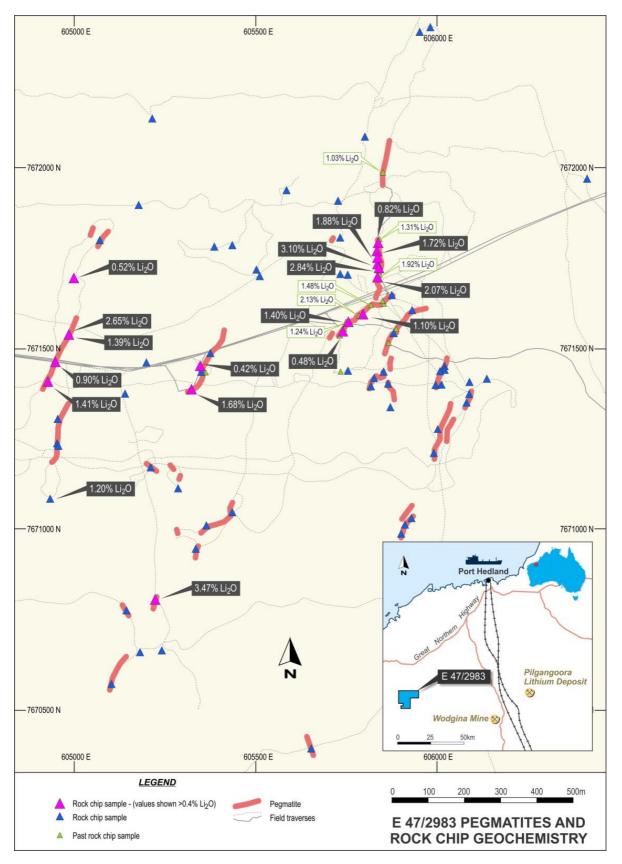


Figure 1: Discovery Pegmatite Area, Mallina Project



#### Next steps

Further reconnaissance, mapping and rock sampling is planned in follow up to the strong mineralisation identified to date. Work will focus in the area of newly discovered spodumene pegmatites as well as traversing the unexplored remainder of the tenement area. This work will be complemented by systematic soil geochemistry, to be carried out with the aim of identifying targets under shallow cover. Work will commence as soon as possible, once access after the recent flooding is possible. Work to progress statutory approval to allow drill testing of the targets has commenced.

For more information, please contact:

Corey Nolan Chief Executive Officer Phone: +61 (7) 3369 7058 Email: info@sayonamining.com.au

Sayona Mining Limited is an Australian, ASX-listed (SYA), company focused on sourcing and developing the raw materials required to construct lithium-ion batteries for use in the rapidly growing new and green technology sectors. Please visit us as at www.sayonamining.com.au

#### **Reference to Previous ASX Releases**

This presentation refers to the following previous ASX releases:

"Option to Acquire New Pilbara Spodumene Discovery, 21 December 2016

#### Competent Person Statement

The information in this report is based on information compiled by Mr. Simon Attwell, a Competent Person, and who is a Member of The Australasian Institute of Mining and Metallurgy. Mr. Attwell is an employee of Attgold Pty Ltd ("Attgold") which provides geological services to Sayona.

Mr. Attwell 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. Attwell 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 Rock Geochemistry

SampleD         North         Labor         Labor         Labor         Labor         Labor           SPI55309         7071545         60501         20         20         27           SPI55309         7071545         60500         50         000         15         150         34           SPI55309         7071447         60500         20         0.00         126         2260         39           SPI553010         7071449         666009         16         0.00         53         990         72           SPI553111         707170         605633         17159         1.72         245         3050         49           SP555313         7071720         605633         11817         1.88         139         2130         60           SP555313         7071721         665834         18817         1.88         139         2130         60           SP555313         7071721         66583         28420         2.84         64         1150         20           SP555319         7071449         664501         60         0.01         79         1720         43           SP555321         7071949         66457         32 <td< th=""><th></th><th></th><th></th><th></th><th></th><th>0</th><th></th><th></th></td<>						0		
SPS55306         TO71545         605070         54         0.01         05         1500         32           SP555308         TO71647         665033         27         0.00         89         1410         39           SP555309         TO71477         666039         29         0.00         126         2260         89           SP555310         TO71439         666039         181         0.02         129         2310         34           SP555311         TO7170         66583         1180         1.02         129         2310         34           SP555115         TO7170         66583         1260         244         64         1150         20           SP555316         TO71706         66583         20609         2.07         78         41         1150         25           SP555316         TO71706         66573         100         0.02         67         1980         73           SP555318         TO7190         666435         22         0.00         7         189         2           SP555321         TO7190         666435         32         0.00         7         189         2           SP555321	SampleID	North	East	Li2O_ppm	Li20_pct	Cs_ppm	Rb_ppm	Ta_ppm
SP555307         7671543         602801         78         0.01         115         1250         44           SP555308         7671447         606019         27         0.00         126         2260         89           SP555310         7671437         606009         16         0.00         53         990         72           SP555311         7671792         605838         B181         0.82         129         2310         34           SP555312         7671792         605837         31003         310         48         770         24           SP555316         7671727         606837         2403         240         24         64         1150         25           SP555316         7671707         606837         2404         240         64         1150         25           SP555318         767187         606373         2090         202         7         1980         23           SP555319         7671452         606021         46         0.001         79         1720         43           SP555321         767199         60415         25         0.00         3         123         2           SP555322	SP555305	7671398	605817	28	0.00			
SP555388         7671607         605933         27         0.00         89         1410         39           SP555300         7671439         606009         16         0.00         53         990         72           SP555311         7671702         605838         1181         0.82         129         2110         344           SP555312         7671706         605833         17159         1.72         245         3050         49           SP555314         7671755         605837         31003         3.10         48         770         24           SP555315         7671706         605875         20600         2.07         B4         11350         25           SP555317         7671676         605773         190         0.02         67         1960         73           SP555321         767169         606457         32         0.00         7         189         2           SP555322         7671896         6064976         72         0.01         73         1540         60           SP555323         7671970         605175         42         0.00         71         189         2         99         27         99	SP555306	7671545	605878	54	0.01	85	1580	32
SP555388         7671607         605933         27         0.00         89         1410         39           SP555300         7671439         606009         16         0.00         53         990         72           SP555311         7671702         605838         1181         0.82         129         2110         344           SP555312         7671706         605833         17159         1.72         245         3050         49           SP555314         7671755         605837         31003         3.10         48         770         24           SP555315         7671706         605875         20600         2.07         B4         11350         25           SP555317         7671676         605773         190         0.02         67         1960         73           SP555321         767169         606457         32         0.00         7         189         2           SP555322         7671896         6064976         72         0.01         73         1540         60           SP555323         7671970         605175         42         0.00         71         189         2         99         27         99	SP555307	7671543	605881	78	0.01	115	1250	44
SP555309         7671447         606019         29         0.00         126         2260         89           SP555311         7671792         605338         B101         0.02         129         2310         34           SP555312         7671770         605333         17159         1.72         245         3050         49           SP555314         7671756         605337         31003         310         48         770         24           SP555315         7671721         605337         31003         310         48         770         24           SP555316         7671706         605353         1900         0.02         67         1980         27           SP555317         7671706         605367         190         0.02         67         149         90           SP555312         767190         606456         22         0.00         7         189         2           SP555312         7671938         605365         35         0.00         74         490         27           SP555321         7671939         605364         31         0.01         73         1540         60           SP55322         7671939 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>								
SP\$55310         7671499         606009         16         0.00         53         990         72           SP\$55311         7671790         603838         17159         1.72         245         3050         49           SP\$55313         7671756         603837         31003         3.10         48         770         24           SP\$55315         7671725         605837         31003         3.10         48         770         24           SP\$55315         7671726         605835         20690         207         84         1150         20           SP\$555317         7671706         606770         90         0.01         4         117.5         2           SP\$555319         7671490         604340         106         0.01         70         1120         43           SP\$555320         7671970         606415         32         0.00         3         123         2           SP\$55521         7671970         606415         32         0.00         3         123         2           SP\$55522         7671986         60575         12         0.00         14         800         67           SP\$555232         7671948								
SP55311         7671792         605833         8181         0.82         12         2310         34           SP553312         7671750         605834         18817         1.88         139         2130         60           SP553314         7671750         605837         31003         3.10         48         770         24           SP553315         7671721         605835         20690         2.07         84         1350         25           SP555316         7671706         605733         190         0.02         67         1980         73           SP555318         7671409         606415         25         0.00         3         123         2           SP555320         7671496         606455         32         0.00         7         149         2           SP555322         7671896         606513         35         0.00         7         149         2           SP555324         7671896         606513         177         0.00         5         149         2           SP555326         7671496         605431         177         0.00         5         149         2           SP55327         767194								
SP555312         7671770         605834         17159         1.72         245         3050         499           SP555313         7671735         605837         31003         3.10         48         770         24           SP555315         7671735         605839         20690         2.07         84         1150         20           SP555315         7671196         605753         1900         0.02         67         1990         73           SP555317         7671196         606021         46         0.00         79         1480         90           SP555321         767192         606021         46         0.00         70         1480         90           SP555321         767196         606055         32         0.00         7         189         2           SP555323         7671038         605585         35         0.00         74         890         27           SP555325         7671046         60543         177         0.02         62         140         33           SP555327         7671046         60536         374         0.04         38         2700         44           SP555327         7671046								
\$P\$55313         7671750         605837         31003         310         48         770         24           \$P\$55315         7671721         605837         31003         28420         2.84         64         1150         20           \$P\$55316         76710721         605835         20600         2.07         84         1350         25           \$P\$55317         7671706         605733         190         0.02         67         1980         73           \$P\$553320         7671409         6044360         106         0.01         79         1720         43           \$P\$55320         7671409         606415         2.5         0.00         7         189         2           \$P\$55323         7671650         60585         3.2         0.00         7         189         2           \$P\$55324         767199         605175         42         0.00         74         189         2           \$P\$55325         767189         605213         2.20         0.00         5         180         2           \$P\$55326         7671946         605843         177         0.02         62         1340         31         3 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>								
SP55314         76/1735         605839         21420         284         64         1150         20           SP553316         7671697         605839         20690         2.07         84         1350         25           SP553317         7671196         60573         190         0.02         67         1990         73           SP553318         7671814         606770         98         0.01         4         117.5         2           SP555321         7671452         606021         46         0.00         79         1480         90           SP555321         767197         606415         25         0.00         7         189         2           SP555323         7671936         605515         32         0.00         74         890         27           SP555325         767199         605175         42         0.00         41         530         83           SP555327         7671046         60536         374         0.04         338         2700         44           SP555327         7671046         60536         374         0.04         338         2700         44           SP555331         7671404	SP555312	7671770	605833	17159	1.72	245		49
SP55314         76/1735         605839         21420         284         64         1150         20           SP553316         7671697         605839         20690         2.07         84         1350         25           SP553317         7671196         60573         190         0.02         67         1990         73           SP553318         7671814         606770         98         0.01         4         117.5         2           SP555321         7671452         606021         46         0.00         79         1480         90           SP555321         767197         606415         25         0.00         7         189         2           SP555323         7671936         605515         32         0.00         74         890         27           SP555325         767199         605175         42         0.00         41         530         83           SP555327         7671046         60536         374         0.04         338         2700         44           SP555327         7671046         60536         374         0.04         338         2700         44           SP555331         7671404	SP555313	7671750	605834	18817	1.88	139	2130	60
SP555315         76/11/21         605335         20600         2.47         64         1150         20           SP555317         76/1067         60535         100         0.02         67         1980         73           SP555318         76/1146         606770         98         0.01         7         117.5         2           SP555320         76/1490         604360         106         0.01         79         1440         90           SP555320         76/1496         606955         32         0.00         7         149         2           SP555323         76/1696         60586         35         0.00         7         169         27           SP555324         76/1996         605175         42         0.00         41         530         83           SP555325         76/199         60513         22         0.00         5         180         22           SP555326         76/7046         60534         205         0.02         88         1320         31           SP555327         76/7046         605871         15         0.00         31         780         30           SP5553330         76/70796 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>								
SP553310         767109         605835         20690         2.07         84         1350         25           SP555317         7671814         606770         98         0.01         4         117.5         2           SP555319         7671449         60670         98         0.01         79         1120         43           SP555321         7671452         606021         46         0.00         79         1480         90           SP555322         7671896         606055         32         0.00         7         189         2           SP555323         7671896         605876         72         0.01         73         1540         68           SP555324         767198         60585         35         0.00         74         890         27           SP555327         7671086         60513         22         0.00         5         180         2         3           SP555327         7671048         60534         205         0.02         88         1320         31           SP555337         7671404         60534         15         0.00         33         540         100           SP555337         7671708 </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>								
SP55317         76/1706         60573         190         0.02         67         1980         73           SP553318         7671409         604360         106         0.01         79         1720         43           SP553320         7671452         606415         25         0.00         3         123         2           SP553321         7671460         606955         32         0.00         7         1890         68           SP553322         7671486         606955         32         0.00         74         890         27           SP553325         7671980         605875         42         0.00         41         500         27           SP553325         7671980         605875         42         0.00         41         500         27           SP553327         7671048         605433         127         0.02         62         1340         33           SP553320         7671448         605641         15         0.00         32         540         50           SP5553331         7671440         605641         15         0.00         33         540         100           SP5553331         7670799         <								
SP55318         7671814         606770         98         0.01         4         117.5         2           SP553319         7671452         606021         46         0.00         79         1400         90           SP553321         7671452         606025         32         0.00         7         189         2           SP553321         7671650         606955         32         0.00         7         189         2           SP553323         7671650         606585         35         0.00         74         890         27           SP55324         7671938         605175         42         0.00         41         530         83           SP55327         7671048         605433         22         0.00         5         180         2           SP553327         7671048         605644         205         0.02         88         1320         31           SP5553327         7671494         605664         15         0.00         32         540         500           SP555337         7671490         606013         31         0.00         33         540         100           SP555337         7670794         60444								
SP555319         7671409         604360         106         0.01         79         1720         43           SP555320         7671452         606021         25         0.00         3         123         2           SP555321         7671970         606415         25         0.00         7         189         2           SP555322         7671936         605355         32         0.00         74         890         27           SP555325         7671938         605355         32         0.00         74         890         27           SP555326         7671366         605213         22         0.00         5         180         23           SP555327         7671407         605365         374         0.04         338         2700         44           SP555327         7671407         605365         374         0.04         338         2700         44           SP555337         7671406         606871         15         0.00         31         780         30           SP555333         7671400         606213         31         0.00         17         1685         129           SP555333         7670797         <								
SP555320         7671452         606021         46         0.00         79         1480         90           SP555321         7671896         606955         32         0.00         7         189         2           SP555322         7671896         606955         32         0.00         74         890         27           SP555326         767189         605585         35         0.00         74         890         27           SP555326         767189         605175         42         0.00         41         530         83           SP555326         7671846         605343         177         0.02         62         1340         33           SP555327         7671047         605364         205         0.02         88         1320         31           SP555330         767144         605864         15         0.00         32         540         50           SP555337         7671400         605871         15         0.00         31         780         30           SP555337         7670794         604449         34         0.00         78         1000         10         100         100         10         10								
SP55321         7671970         606415         25         0.00         3         1.23         2           SP55322         7671896         606955         32         0.00         7         189         2           SP55323         7671838         605585         35         0.00         74         890         27           SP55325         7671899         605175         42         0.00         41         53.0         83           SP55327         7671048         605213         22         0.00         5         180         2           SP555329         7671047         605346         205         0.02         88         1320         31           SP555329         7671404         605844         15         0.00         31         780         30           SP555331         7671404         605871         15         0.00         31         780         30           SP555332         767140         60613         31         0.00         31         780         30           SP555333         767079         604449         34         0.00         17         165.5         129           SP555334         7670795         604454 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>								
SP55322         7671896         606955         32         0.00         7         189         2           SP55323         7671838         605876         72         0.01         73         1540         68           SP55324         7671938         605175         42         0.00         41         530         83           SP55326         7671046         605133         22         0.00         5         180         2           SP55327         7671046         605334         177         0.02         62         1340         33           SP55328         7671046         605336         374         0.04         338         2700         44           SP55332         7671400         605864         15         0.00         31         780         30           SP555332         7671400         606913         31         0.00         73         1800         100           SP555333         767170         605141         11         0.00         78         1800         110           SP555335         7670775         605141         11         0.00         4         144         33           SP555337         7670657         60519	SP555320	7671452	606021	46	0.00	79	1480	90
SP55322         7671896         606955         32         0.00         7         189         2           SP55323         7671838         605876         72         0.01         73         1540         68           SP55324         7671938         605175         42         0.00         41         530         83           SP55326         7671046         605133         22         0.00         5         180         2           SP55327         7671046         605334         177         0.02         62         1340         33           SP55328         7671046         605336         374         0.04         338         2700         44           SP55332         7671400         605864         15         0.00         31         780         30           SP555332         7671400         606913         31         0.00         73         1800         100           SP555333         767170         605141         11         0.00         78         1800         110           SP555335         7670775         605141         11         0.00         4         144         33           SP555337         7670657         60519	SP555321	7671970	606415	25	0.00	3	123	2
SP555323         7671650         605876         72         0.01         73         1540         68           SP555324         7671938         605585         35         0.00         74         890         27           SP555325         7671936         605213         22         0.00         5         180         83           SP555326         7671048         605433         177         0.02         62         1340         33           SP555329         7671048         605364         205         0.02         88         1320         31           SP555329         7671444         605864         15         0.00         31         780         30           SP555331         7671404         605871         15         0.00         31         780         30           SP555332         7671406         60511         11         0.00         71         1665         129           SP555334         7670794         604444         34         0.00         17         1665         129           SP555336         767075         605101         11         0.00         2         25.3         36           SP555336         767057         <	SP555322	7671896	606955	32	0.00	7	189	2
SP55524         7671938         60585         35         0.00         74         890         27           SP555326         7671136         605175         42         0.00         41         530         83           SP555326         7671048         605433         177         0.02         62         1340         33           SP555327         7671047         605364         205         0.02         88         1320         31           SP555329         7671048         605364         15         0.00         32         540         50           SP555331         7671404         605864         15         0.00         32         540         50           SP555331         7671400         605013         31         0.00         53         540         100           SP555331         767079         604444         34         0.00         17         168.5         129           SP555337         7670671         604464         34         0.00         17         168.5         129           SP555336         7670775         605111         11         0.00         4         144         33           SP555337         7670897								
SP555326         7671899         605175         42         0.00         41         530         83           SP555326         7671246         605213         22         0.00         5         180         2           SP555327         7671048         605343         177         0.02         62         1340         33           SP555329         7671048         605364         205         0.02         88         1320         31           SP555329         7671404         605864         15         0.00         32         540         50           SP555331         7671339         605871         15         0.00         31         780         30           SP555333         767140         606013         31         0.00         78         1000         110           SP555334         767079         605141         11         0.00         2         14.6         160           SP555338         767075         605141         11         0.00         2         25.3         36           SP555339         767037         605952         17         0.00         90         980         168           SP555341         7672390								
PF555326         7672136         605213         22         0.00         5         180         2           SP555327         7671048         605433         177         0.02         62         1340         33           SP555329         7671048         605336         205         0.02         88         1320         31           SP555329         7671404         605864         15         0.00         32         540         50           SP555331         7671404         605811         15         0.00         31         780         30           SP555332         7671400         606013         31         0.00         78         1000         110           SP555333         7670794         604449         34         0.00         78         1000         110           SP555336         7670775         605112         19         0.00         4         144         3           SP555337         7670661         605182         19         0.00         4         144         3           SP555340         767237         60502         17         0.00         90         980         168           SP555341         7671230         6								
SP555327         7671048         605334         177         0.02         62         1340         33           SP555329         767107         605364         205         0.02         88         1320         31           SP555329         7671044         605366         374         0.04         338         2700         44           SP555331         7671404         605864         15         0.00         31         780         30           SP555332         7671400         606013         31         0.00         53         540         100           SP555333         767079         604449         34         0.00         78         1000         110           SP555335         7670775         605141         11         0.00         2         14.6         160           SP555337         7670575         605141         11         0.00         2         25.3         36           SP555339         767037         60554         10         0.00         31         500         67           SP555341         767237         605952         17         0.00         30         460         39         SP555347         7671409         605732								
SP555328         7671007         605364         205         0.02         88         1320         31           SP555330         7671404         605366         374         0.04         338         2700         44           SP555331         7671404         605864         15         0.00         32         540         50           SP555332         7671400         606013         31         0.00         53         540         100           SP555333         767079         604449         34         0.00         78         1000         110           SP555335         7670794         604464         34         0.00         78         1000         110           SP555336         7670775         605141         11         0.00         2         14.6         160           SP555337         7670397         605101         11         0.00         40         640         33           SP555340         767237         60592         17         0.00         31         500         67           SP555341         767237         60592         17         0.00         30         460         89           SP555342         767180         <								
SP555329         7670948         605336         374         0.04         338         2700         44           SP555331         7671404         605864         15         0.00         32         540         50           SP555332         7671400         606013         31         0.00         53         540         100           SP555333         7671400         606013         31         0.00         73         540         100           SP555334         7670799         604449         34         0.00         78         1000         110           SP555335         7670794         604644         34         0.00         78         1000         110           SP555336         7670755         605141         11         0.00         2         146         160           SP555336         7670575         605101         11         0.00         2         25.3         36           SP555341         7672397         605552         17         0.00         90         980         168           SP555342         7671810         605727         87         0.01         30         460         89           SP555344         7671810								
SP\$55330         7671404         605864         15         0.00         32         540         50           SP55331         7671400         606013         31         0.00         33         540         100           SP555332         7671400         606013         31         0.00         73         540         100           SP555333         767170         605210         83         0.01         135         2560         69           SP555333         7670794         604464         34         0.00         78         1000         110           SP555336         767075         605101         11         0.00         4         144         33           SP555340         7670575         605101         11         0.00         40         640         33           SP555341         767237         60582         17         0.00         90         980         168           SP555342         7671807         605802         23         0.00         11         196.5         2           SP555342         7671807         605802         23         0.00         41         104         85           SP555342         7671807								
SP555331         7671339         605871         15         0.00         31         780         30           SP555332         7671400         606013         31         0.00         53         540         100           SP555333         767170         605210         83         0.01         135         2560         69           SP555334         7670794         604464         34         0.00         78         1000         110           SP555335         7670756         605141         11         0.00         2         14.6         160           SP555337         7670661         605182         19         0.00         4         144         3           SP555339         7670397         605654         10         0.00         40         6440         33           SP555341         7672397         605952         17         0.00         90         980         168           SP555342         767107         605802         23         0.00         11         196.5         2           SP555343         7671207         605732         16         0.00         47         690         58           SP555345         7671206         <	SP555329	7670948	605336	374	0.04	338	2700	44
SP555331         7671339         605871         15         0.00         31         780         30           SP555332         7671400         606013         31         0.00         53         540         100           SP555333         767170         605210         83         0.01         135         2560         69           SP555334         7670794         604464         34         0.00         78         1000         110           SP555335         7670756         605141         11         0.00         2         14.6         160           SP555337         7670661         605182         19         0.00         4         144         3           SP555339         7670397         605654         10         0.00         40         6440         33           SP555341         7672397         605952         17         0.00         90         980         168           SP555342         767107         605802         23         0.00         11         196.5         2           SP555343         7671207         605732         16         0.00         47         690         58           SP555345         7671206         <	SP555330	7671404	605864	15	0.00	32	540	50
SP555332         7671400         606013         31         0.00         53         540         100           SP555333         7671170         605210         83         0.01         135         2560         69           SP555334         7670794         604444         34         0.00         17         168.5         129           SP555335         7670794         604464         34         0.00         17         168.5         129           SP555336         767075         605141         11         0.00         2         14.6         160           SP555337         767057         605101         11         0.00         2         25.3         36           SP555340         7672377         605952         17         0.00         31         500         67           SP555342         767180         605732         16         0.00         47         690         58           SP555345         7671709         604920         14124         141         175         2680         45           SP555344         7671810         605733         19         0.00         4         104         85           SP555345         7671206							780	
SP55533         7671170         605210         83         0.01         135         2560         69           SP555334         7670794         604449         34         0.00         78         1000         110           SP555335         7670794         604464         34         0.00         17         166.5         129           SP555336         7670775         605141         11         0.00         2         14.6         160           SP555337         7670661         605182         19         0.00         4         144         3           SP555339         767037         605654         10         0.00         40         640         33           SP555340         7672307         605922         17         0.00         90         980         168           SP555341         7672087         605802         23         0.00         11         196.5         2           SP555344         7671910         605727         87         0.01         30         460         89           SP555345         767140         604948         8956         0.90         137         2400         71           SP555346         7671409								
SP555335         7670799         604449         34         0.00         78         1000         110           SP555335         7670794         604464         34         0.00         17         168.5         129           SP555336         767075         605141         11         0.00         2         14.6         160           SP555337         7670675         605101         11         0.00         4         144         33           SP555339         7670375         6055101         11         0.00         40         640         33           SP555340         767237         605952         17         0.00         90         980         168           SP555342         767180         605732         16         0.00         47         690         58           SP555345         767179         605733         19         0.00         4         104         85           SP555346         7671466         604948         8956         0.90         137         2400         71           SP555347         7671409         604926         14124         1.41         175         2680         45           SP555346         7671305								
SP555335         7670794         604464         34         0.00         17         168.5         129           SP555336         7670775         605141         11         0.00         2         14.6         160           SP555338         7670661         605182         19         0.00         4         144         33           SP555339         7670377         605654         10         0.00         40         640         33           SP555340         7672377         605952         17         0.00         90         980         168           SP555341         7672087         605802         23         0.00         11         196.5         2           SP555343         7671910         605727         87         0.01         30         460         89           SP555344         7671810         605733         19         0.00         4         104         85           SP555345         7671709         605733         19         0.00         4         104         85           SP555346         7671409         604926         14124         1.41         175         2680         45           SP555350         7671305								
SP555336         767075         605141         11         0.00         2         14.6         160           SP555337         7670661         605182         19         0.00         4         144         3           SP555338         7670575         605101         11         0.00         2         25.3         36           SP555340         7672390         605951         16         0.00         31         500         67           SP555341         7672390         605952         17         0.00         90         980         168           SP555342         7672087         605952         17         0.00         11         196.5         2           SP555343         7671910         605727         87         0.01         30         460         89           SP555344         7671810         605732         16         0.00         4         104         85           SP555345         7671709         604926         14124         1.41         175         2680         45           SP555346         7671305         604954         174         0.02         70         1700         89           SP555351         7671305								
SP555337         7670661         605182         19         0.00         4         144         3           SP555338         7670375         605101         11         0.00         2         25.3         36           SP555339         7670397         605654         10         0.00         40         640         33           SP555340         7672390         605952         17         0.00         90         980         667           SP555341         7672377         60592         17         0.00         11         196.5         2           SP555343         7671910         605727         87         0.01         30         460         89           SP555344         7671810         605732         16         0.00         4         104         85           SP555345         7671409         604733         19         0.00         4         104         85           SP555346         7671466         604948         8956         0.90         137         2400         71           SP555347         7671409         604953         265         0.03         112         2530         52           SP555348         7671240 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>								
SP555338         7670575         605101         11         0.00         2         25.3         36           SP555339         7670397         605654         10         0.00         40         6440         33           SP555340         7672390         605952         17         0.00         31         500         67           SP555341         7672377         605952         17         0.00         90         980         168           SP555342         7672087         605802         23         0.00         11         196.5         2           SP555343         7671910         605732         16         0.00         47         690         58           SP555345         7671709         605733         19         0.00         4         104         85           SP555346         7671466         604948         8956         0.90         137         2400         71           SP555349         7671234         604954         895         0.90         135         2250         126           SP555349         7671240         604954         174         0.02         70         1700         89           SP555351         7671304								
SP555339         7670397         605654         10         0.00         40         640         33           SP555340         7672390         605981         16         0.00         31         500         67           SP555341         7672397         605952         17         0.00         90         980         168           SP555342         7672087         605802         23         0.00         11         196.5         2           SP555344         7671910         605727         87         0.01         30         460         89           SP555345         7671709         605732         16         0.00         4         104         85           SP555346         7671406         604948         8956         0.90         137         2400         71           SP555346         7671240         604953         265         0.03         112         2530         52           SP555349         7671304         604954         990         0.10         135         2250         126           SP555350         7671304         604952         172         0.02         47         960         64           SP555352         7671460	SP555337	7670661	605182	19	0.00	4	144	3
SP55340         7672390         605981         16         0.00         31         500         67           SP555341         7672377         605952         17         0.00         90         980         168           SP555342         7672087         605802         23         0.00         11         196.5         2           SP555343         7671910         605732         16         0.00         47         690         58           SP555345         7671709         605733         19         0.00         4         104         85           SP555346         7671466         604948         8956         0.90         137         2400         71           SP555347         7671409         604926         14124         1.41         175         2680         45           SP555348         7671240         604954         990         0.10         135         2250         126           SP555350         7671305         604954         174         0.02         70         1700         89           SP555351         7671304         604955         13908         1.39         102         1830         40           SP555355         7671801	SP555338	7670575	605101	11	0.00	2	25.3	36
SP55340         7672390         605981         16         0.00         31         500         67           SP555341         7672377         605952         17         0.00         90         980         168           SP555342         7672087         605802         23         0.00         11         196.5         2           SP555343         7671910         605732         16         0.00         47         690         58           SP555345         7671709         605733         19         0.00         4         104         85           SP555346         7671466         604948         8956         0.90         137         2400         71           SP555347         7671409         604926         14124         1.41         175         2680         45           SP555348         7671240         604954         990         0.10         135         2250         126           SP555350         7671305         604954         174         0.02         70         1700         89           SP555351         7671304         604955         13908         1.39         102         1830         40           SP555355         7671801	SP555339	7670397	605654	10	0.00	40	640	33
SP555341         7672377         605952         17         0.00         90         980         168           SP555342         7672087         605802         23         0.00         11         196.5         2           SP555343         7671910         605727         87         0.01         30         460         89           SP555344         7671810         605732         16         0.00         47         690         58           SP555345         7671709         605733         19         0.00         4         104         85           SP555346         7671409         604926         14124         1.41         175         2680         45           SP555347         7671409         604954         990         0.10         135         2250         126           SP555350         7671304         604954         174         0.02         70         1700         89           SP555351         7671304         604954         174         0.02         70         1700         89           SP555352         7671538         604985         13908         1.39         102         1830         40           SP555354         7671607<			605981	16	0.00	31	500	
SP555342         7672087         605802         23         0.00         11         196.5         2           SP555343         7671910         605727         87         0.01         30         460         89           SP555344         7671810         605732         16         0.00         47         690         58           SP55344         7671409         605733         19         0.00         4         104         85           SP555346         7671466         604948         8956         0.90         137         2400         71           SP555347         7671409         604926         14124         1.41         175         2680         45           SP555348         7671240         604954         990         0.10         135         2250         126           SP555350         7671305         604954         174         0.02         70         1700         89           SP555351         7671304         604952         172         0.02         47         960         64           SP555353         7671406         604985         26482         2.65         74         1190         40           SP555354         767167 </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>								
SP555343         7671910         605727         87         0.01         30         460         89           SP555344         7671810         605732         16         0.00         47         690         58           SP555345         7671709         605733         19         0.00         4         104         85           SP555346         7671466         604948         8956         0.90         137         2400         71           SP555347         7671409         604926         14124         1.41         175         2680         45           SP555348         7671234         604953         265         0.03         112         2530         52           SP555350         7671305         604954         174         0.02         70         1700         89           SP555351         7671304         604952         172         0.02         47         960         64           SP555353         7671538         604985         13908         1.39         102         1830         40           SP555353         7671801         605071         61         0.01         5         20.1         361           SP555355         7671801								
SP555344         7671810         605732         16         0.00         47         690         58           SP555345         7671709         605733         19         0.00         4         104         85           SP555346         7671466         604948         8956         0.90         137         2400         71           SP555347         7671409         604926         14124         1.41         175         2680         45           SP555348         7671234         604953         265         0.03         112         2530         52           SP555350         7671305         604954         990         0.10         135         2250         126           SP555351         7671305         604952         172         0.02         47         960         64           SP555352         7671538         604985         13908         1.39         102         1830         40           SP555353         7671540         604985         26482         2.65         74         1190         40           SP555355         7671801         605071         61         0.01         5         20.1         361           SP555356         7								
SP555345         7671709         605733         19         0.00         4         104         85           SP555346         7671466         604948         8956         0.90         137         2400         71           SP555347         7671409         604926         14124         1.41         175         2680         45           SP555348         7671240         604953         265         0.03         112         2530         52           SP555350         7671304         604954         990         0.10         135         2250         126           SP555350         7671304         604952         172         0.02         47         960         64           SP555352         7671538         604995         13908         1.39         102         1830         40           SP555353         767140         604985         26482         2.65         74         1190         40           SP555354         7671697         605000         5189         0.52         227         3240         76           SP555355         767149         605375         629         0.06         95         1690         21           SP555356 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>								
SP555346         7671466         604948         8956         0.90         137         2400         71           SP555347         7671409         604926         14124         1.41         175         2680         45           SP555348         7671234         604953         265         0.03         112         2530         52           SP555349         7671240         604954         990         0.10         135         2250         126           SP555350         7671305         604954         174         0.02         70         1700         89           SP555351         7671304         604952         172         0.02         47         960         64           SP555352         7671538         604985         13908         1.39         102         1830         40           SP555354         7671607         605000         5189         0.52         227         3240         76           SP555355         7671801         605375         629         0.06         95         1690         21           SP555356         7671439         605372         523         0.05         114         1990         58           SP555365								
SP555347         7671409         604926         14124         1.41         175         2680         45           SP555348         7671234         604953         265         0.03         112         2530         52           SP555349         7671240         604954         990         0.10         135         2250         126           SP555350         7671305         604954         174         0.02         70         1700         89           SP555351         7671304         604952         172         0.02         47         960         64           SP555352         7671538         604985         13908         1.39         102         1830         40           SP555353         7671801         604985         26482         2.65         74         1190         40           SP555355         7671801         605071         61         0.01         5         20.1         361           SP555356         7671434         605375         629         0.06         95         1690         21           SP555357         7671480         605352         523         0.05         114         1990         58           SP555358         <								
SP555348         7671234         604953         265         0.03         112         2530         52           SP555349         7671240         604954         990         0.10         135         2250         126           SP553350         7671305         604954         174         0.02         70         1700         89           SP55351         7671304         604952         172         0.02         47         960         64           SP55352         7671538         604985         13908         1.39         102         1830         40           SP553353         7671540         604985         26482         2.65         74         1190         40           SP553353         7671801         60500         5189         0.52         227         3240         76           SP553355         7671801         605071         61         0.01         5         20.1         361           SP555356         7671439         605375         629         0.06         95         1690         21           SP555358         7671434         605352         523         0.05         114         1990         58           SP555360         7	SP555346	7671466	604948	8956	0.90	137	2400	
SP55534976712406049549900.101352250126SP55535076713056049541740.0270170089SP55535176713046049521720.024796064SP5553527671538604985139081.39102183040SP5553537671540604985264822.6574119040SP555354767169760500051890.52227324076SP5553557671801605071610.01520.1361SP55535676714996053756290.0695169021SP555357767145060534541770.4250034101SP55535976713746053225230.05114199058SP55536076713776051401420.0150118045SP5553617670805605222346633.475747073SP55536276708056052401190.0141173SP5553647669415605424360.002391SP5553657669080605246420.00533767SP5553667669080605246420.00533767SP5553657669080605246420.00533767SP5553667669080605246	SP555347	7671409	604926	14124	1.41	175	2680	45
SP55534976712406049549900.101352250126SP55535076713056049541740.0270170089SP55535176713046049521720.024796064SP5553527671538604985139081.39102183040SP5553537671540604985264822.6574119040SP555354767169760500051890.52227324076SP5553557671801605071610.01520.1361SP55535676714996053756290.0695169021SP555357767145060534541770.4250034101SP55535976713746053225230.05114199058SP55536076713776051401420.0150118045SP5553617670805605222346633.475747073SP55536276708056052401190.0141173SP5553647669415605424360.002391SP5553657669080605246420.00533767SP5553667669080605246420.00533767SP5553657669080605246420.00533767SP5553667669080605246	SP555348	7671234	604953	265	0.03	112	2530	52
SP555350         7671305         604954         174         0.02         70         1700         89           SP555351         7671304         604952         172         0.02         47         960         64           SP555352         7671538         604985         13908         1.39         102         1830         40           SP555353         7671540         604985         26482         2.65         74         1190         40           SP555354         7671697         605000         5189         0.52         227         3240         76           SP555355         7671801         605071         61         0.01         5         20.1         361           SP555356         7671489         605375         629         0.06         95         1690         21           SP555357         7671430         605325         523         0.05         114         1990         58           SP555358         7671388         605322         16815         1.68         163         2390         118           SP555361         7670805         605222         34663         3.47         57         470         73           SP555362	SP555349		604954	990	0.10			
SP55535176713046049521720.024796064SP5553527671538604985139081.39102183040SP5553537671540604985264822.6574119040SP555354767169760500051890.52227324076SP5553557671801605071610.01520.1361SP55535676714896053756290.0695169021SP555357767145060534541770.4250034101SP55535876714346053525230.05114199058SP55536076713776051401420.0150118045SP5553617670805605222346633.475747073SP5553627670656052401190.0141173SP5553637669415605424360.002391SP55536476694036053911430.01571.51SP5553657669080605246420.00533767SP555366766980605381820.019184.52								
SP5553527671538604985139081.39102183040SP5553537671540604985264822.6574119040SP555354767169760500051890.52227324076SP5553557671801605071610.01520.1361SP55535676714896053756290.0695169021SP555358767143060534541770.4250034101SP55535876713886053525230.05114199058SP555359767338605322168151.681632390118SP5553617670805605242346633.475747073SP55536376694156053911430.01571.51SP5553647669080605246420.00533767SP5553657669080605246420.00533767SP555366766980605246420.019184.52								
SP5553537671540604985264822.6574119040SP555354767169760500051890.52227324076SP5553557671801605071610.01520.1361SP55535676714896053756290.0695169021SP555357767145060534541770.4250034101SP55535876714346053525230.05114199058SP5553597671388605322168151.681632390118SP5553617670805605222346633.475747073SP55536276706656052401190.0141173SP55536476694036053911430.01571.51SP555365766980605246420.00533767SP555366766980605381820.019184.52								
SP555354767169760500051890.52227324076SP5553557671801605071610.01520.1361SP55535676714896053756290.0695169021SP555357767145060534541770.4250034101SP55535876714346053525230.05114199058SP5553597671388605322168151.681632390118SP55536076713776051401420.0150118045SP5553617670805605222346633.475747073SP55536276706656052401190.0141173SP55536476694036053911430.01571.51SP5553657669080605246420.00533767SP555366766980605381820.019184.52								
SP5553557671801605071610.01520.1361SP55535676714896053756290.0695169021SP555357767145060534541770.4250034101SP55535876714346053525230.05114199058SP5553597671388605322168151.681632390118SP55536076713776051401420.0150118045SP5553617670805605222346633.475747073SP55536276706656052401190.0141173SP5553637669415605424360.002391SP555365766980605246420.00533767SP555366766980605246420.019184.52								
SP55535676714896053756290.0695169021SP555357767145060534541770.4250034101SP55535876714346053525230.05114199058SP5553597671388605322168151.681632390118SP55536076713776051401420.0150118045SP5553617670805605222346633.475747073SP55536276706656052401190.0141173SP5553637669415605424360.002391SP555365766980605246420.00533767SP5553667668580605381820.019184.52								76
SP555357767145060534541770.4250034101SP55535876714346053525230.05114199058SP5553597671388605322168151.681632390118SP55536076713776051401420.0150118045SP5553617670805605222346633.475747073SP55536276706656052401190.0141173SP5553637669415605424360.002391SP5553657669080605246420.00533767SP555366766980605381820.019184.52	SP555355	7671801	605071	61	0.01	5	20.1	361
SP555357767145060534541770.4250034101SP55535876714346053525230.05114199058SP5553597671388605322168151.681632390118SP55536076713776051401420.0150118045SP5553617670805605222346633.475747073SP55536276706656052401190.0141173SP5553637669415605424360.002391SP5553657669080605246420.00533767SP555366766980605381820.019184.52	SP555356	7671489	605375	629	0.06	95	1690	21
SP55535876714346053525230.05114199058SP5553597671388605322168151.681632390118SP55536076713776051401420.0150118045SP5553617670805605222346633.475747073SP55536276706656052401190.0141173SP5553637669415605424360.002391SP55536576694036053911430.01571.51SP555365766980605246420.00533767SP5553667668580605381820.019184.52								
SP5553597671388605322168151.681632390118SP55536076713776051401420.0150118045SP5553617670805605222346633.475747073SP55536276706656052401190.0141173SP5553637669415605424360.002391SP55536476694036053911430.01571.51SP5553657669080605246420.00533767SP5553667668580605381820.019184.52								
SP55536076713776051401420.0150118045SP5553617670805605222346633.475747073SP55536276706656052401190.0141173SP5553637669415605424360.002391SP55536476694036053911430.01571.51SP5553657669080605246420.00533767SP5553667668580605381820.019184.52								
SP5553617670805605222346633.475747073SP55536276706656052401190.0141173SP5553637669415605424360.002391SP55536476694036053911430.01571.51SP5553657669080605246420.00533767SP5553667668580605381820.019184.52								
SP55536276706656052401190.0141173SP5553637669415605424360.002391SP55536476694036053911430.01571.51SP5553657669080605246420.00533767SP5553667668580605381820.019184.52								
SP555363         7669415         605424         36         0.00         2         39         1           SP555364         7669403         605391         143         0.01         5         71.5         1           SP555365         7669080         605246         42         0.00         53         376         7           SP555366         7668580         605381         82         0.01         9         184.5         2								
SP555364         7669403         605391         143         0.01         5         71.5         1           SP555365         7669080         605246         42         0.00         53         376         7           SP555366         7668580         605381         82         0.01         9         184.5         2								
SP555365         7669080         605246         42         0.00         53         376         7           SP555366         7668580         605381         82         0.01         9         184.5         2	SP555363	7669415	605424	36	0.00	2	39	1
SP555365         7669080         605246         42         0.00         53         376         7           SP555366         7668580         605381         82         0.01         9         184.5         2	SP555364	7669403	605391	143	0.01	5	71.5	1
<b>SP555366</b> 7668580 605381 82 0.01 9 184.5 2								
<b>JI JJJJU</b> /000002 00J770 010 0.00 /0 770 32								
	31 333307	7000002	003470	010	0.00	70	770	32



SampleID	North	East	Li20_ppm	Li20_pct	Cs_ppm	Rb_ppm	Ta_ppm
SP555368	7668610	605526	49	0.00	10	145	2
SP555369	7668498	606153	14	0.00	47	410	43
SP555370	7668484	606161	17	0.00	2	10.7	2
SP555371	7671596	605795	11045	1.10	197	3350	90
SP555372	7671573	605755	13995	1.40	105	2080	65
SP555373	7672101	606755	18	0.00	4	139	2
SP555374	7672010	606726	43	0.00	2	49.2	2
SP555375	7671703	605511	140	0.01	117	1620	47
SP555376	7671718	605503	22	0.00	54	820	56
SP555377	7671787	605437	13	0.00	4	40.7	82
SP555378	7671783	605385	25	0.00	2	9.4	208
SP555379	7671461	605197	20	0.00	7	188.5	3
SP555380	7671466	604992	42	0.00	2	60.1	3
SP555381	7671083	604932	12014	1.20	102	2080	43
SP555382	7671115	605285	146	0.01	63	1460	34
SP555383	7671212	605991	86	0.01	140	2310	85
SP555384	7671277	606003	147	0.01	138	1780	75
SP555385	7671373	606091	22	0.00	35	620	69
SP555386	7671350	606083	16	0.00	34	710	34
SP555387	7670988	605902	23	0.00	43	860	73
SP555388	7671015	605914	22	0.00	129	2030	97
SP555389	7671033	605929	28	0.00	68	980	111
SP555390	7671408	606091	37	0.00	81	610	109
SP555391	7671416	606137	16	0.00	64	530	150
SP555392	7671400	605998	33	0.00	165	2180	68
SP555393	7671548	605741	510	0.05	106	1640	70
SP555394	7671549	605741	4801	0.48	61	1890	36
SP555395	7671441	605754	27	0.00	8	235	2
SP555396	7671435	605851	19	0.00	85	1950	37
SP555397	7671420	605826	34	0.00	56	1260	30

Note: Datum is Australian Geodetic MGA Zone 50 (GDA94)

## JORC Code, 2012 edition - Table 1 (section 1; Sampling Techniques and Data)

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul> <li>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<ul> <li>Geochemical samples have been collected as a first pass assessment and orientation of project areas, as described in the main body text of this announcement. The samples have an irregular spacing reflecting the reconnaissance nature of the assessment.</li> <li>Samples are grab samples.</li> <li>The presence or absence of mineralisation was initially determined visually by the field geologist.</li> <li>The type of geochemical sampling is a standard approach during the initial style reconnaissance.</li> </ul>



Criteria	JORC Code explanation	Commentary
Drilling techniques	• Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	<ul> <li>Not applicable, no drilling has been carried out</li> </ul>
Drill sample recovery	<ul> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>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.</li> </ul>	Not applicable, no drilling has been carried out
Logging	<ul> <li>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.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul> <li>Not applicable, no drilling has been carried out. This information is of insufficient detail to support any Mineral Resource Estimation.</li> </ul>
Sub-sampling techniques and sample preparation	<ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all subsampling stages to maximise representivity of samples.</li> <li>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.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul> <li>Not applicable, no drilling has been carried out</li> <li>No measures have been taken to ensure sampling is statistically representative of the in situ sampled material. The collection methodology is considered appropriate for this early stage assessment of the project.</li> <li>The sample size is considered appropriate to the early stage of exploration carried out.</li> </ul>
<i>Quality of assay data and laboratory tests</i>	<ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>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.</li> <li>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie</li> </ul>	<ul> <li>Analysis was carried out by ALS, Brisbane which is a certified laboratory in compliance with AS/NZS- 9001:2000. Analysis, of a 48 element suite, was determined by mixed acid digest followed by ICP- MS61. 85 fusion. Four samples which reported high Li values by this method were re-assayed by peroxide fusion, method ME-ICP89, to give a high precision result. This is considered a total digest appropriate to the samples submitted.</li> <li>Not used</li> <li>No additional quality control measures beyond that</li> </ul>



Criteria	JORC Code explanation	Commentary
	lack of bias) and precision have been established.	of the Laboratory QA/QC were implemented.
<i>Verification of sampling and assaying</i>	<ul> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul> <li>The results are considered acceptable and have been reviewed by multiple geologists. The company conducts internal data verification protocols which have been followed.</li> <li>Li has been converted to Li<sub>2</sub>O for the purposes of reporting. The conversion used was Li<sub>2</sub>O = Li x 2.153. No other adjustments to assay data has been undertaken</li> </ul>
Location of data points	<ul> <li>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.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul> <li>Samples were located during collection by handheld GPS</li> <li>The grid system used is Australian Geodetic MGA Zone 50 (GDA94).</li> <li>The level of topographic control offered by the handheld GPS is considered sufficient for the work undertaken</li> </ul>
Data spacing and distribution	<ul> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul> <li>There was no predetermined grid spacing to the rock sampling program. Soil geochemistry was carried out on MGA grid</li> <li>The data spacing and distribution is not sufficient to establish the degree of geological and grade continuity appropriate for Mineral Resource estimation procedures.</li> <li>Samples have not been composited.</li> </ul>
Orientation of data in relation to geological structure	<ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>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.</li> </ul>	<ul> <li>Sampling was carried out over small areas of the project and it is not known if they are representative.</li> <li>Not applicable, no drilling has been carried out</li> </ul>
Sample security	• The measures taken to ensure sample security.	Industry standard sample collection and storage have been reported by the vendor geologist.
Audits or reviews	• The results of any audits or reviews of sampling techniques and data.	No audits or reviews of the data have been conducted at this stage

## JORC Code, 2012 edition – Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul> <li>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</li> </ul>	<ul> <li>The Option terms and tenement details have been previously reported which is referenced within the main text of this ASX release.</li> <li>There are no impediments that have been identified</li> </ul>



Criteria	JORC Code explanation		Commentary
	<ul> <li>settings.</li> <li>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.</li> </ul>		for operating in the project areas
Exploration done by other parties	• Acknowledgment and appraisal of exploration by other parties.	•	At Mallina past exploration has focused on the gold and base metal potential of the area. Together with government data provided by GSWA past information has allowed recognition of the projects potential.
Geology	• Deposit type, geological setting and style of mineralisation.	•	Lithium is being targeted within rare metal pegmatites which represent the most fractionated and evolved pegmatite type. Sayona's main focus is in discovery of albite-spodumene pegmatite types which host high grade lithium mineralisation. Rare metal pegmatites are uncommon, typically hosted in greenstone rocks near to granite intrusion.
Drill hole Information	<ul> <li>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> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>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.</li> </ul>	•	Drilling has not been carried out.
Data aggregation methods	<ul> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>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.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	•	No variation to laboratory reported assays has been made.
Relationship between mineralisation widths and intercept lengths	<ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are</li> </ul>	•	Exploration is at an early stage and information contains insufficient data points to allow these relationships to be reported



Criteria	JORC Code explanation	Commentary
	reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').	
Diagrams	• Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	Sample plans are attached
Balanced reporting	• Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	<ul> <li>All relevant assay results are reported herein.</li> </ul>
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	<ul> <li>The exploration reported herein is at a very early stage but results are consistent with geological and geophysical data</li> </ul>
Further work	<ul> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul> <li>Further more detailed mapping and follow up sampling is required to identify lithium targets and mineralisation</li> </ul>