ASTUTEMETALSNL

20 November 2023

LARGE LITHIUM SOIL ANOMALIES DISCOVERED AT RED MOUNTAIN, USA

Extensive soil anomalism demonstrates large-scale discovery potential

Key Highlights

- **819-point September soil sampling campaign reveals strong lithium-in-soil anomalism at the newly staked Red Mountain Project in Nevada.**
- **High-intensity anomalies with grades of up to 1,110ppm lithium.**
- **50ppm+ lithium anomaly stretches over an 8km strike across the project area and up to 2.8km wide.**
- **Rock chip sampling campaign completed recently at Red Mountain with assays due in late November.**
- **Compelling lithium anomalies to be targeted by a maiden drilling campaign in the coming field season.**

Astute Metals NL (ASX: ASE) ("ASE", "Astute" or "the Company") is pleased to advise that a recent surface sampling campaign has generated large-scale lithium anomalies at its recently staked 100%-owned Red Mountain Lithium Project in Nevada, USA. The zone of anomalous lithium greater than 50ppm in soil stretches over a wide north-south strike extent of 8km and a width of up to 2.8km, with internal coherent zones of greater than 100ppm lithium, and a maximum value of up to 1,110ppm lithium.

Astute Executive Chairman, Tony Leibowitz, said:

"These are outstanding results for first-pass exploration, with the scale and intensity of the lithium anomalies significantly elevating this project as a priority exploration focus for Astute. The team has already completed an extensive rock chip sampling program and we are eagerly awaiting assay results that will help us plan the next phase of exploration, including planned drilling in early 2024. Our exploration targeting strategy in Nevada is delivering excellent results, demonstrating our ability to expand our project pipeline by identifying and securing highly prospective areas."

Background

Located in central eastern Nevada, the Red Mountain Project was staked in August 2023 following a desktop project generation exercise and subsequent on-ground reconnaissance conducted in May 2023[7]. The project area has broad mapped tertiary lacustrine (lake) sedimentary rocks known locally as the Horse Camp Formation, and regionally as part of the Ts3.

The Ts3 elsewhere in the state of Nevada hosts large lithium deposits, such as the 15.8Mt LCE (lithium carbonate equivalent) Tonopah Flats deposit[1] and the 9.79Mt LCE TLC Lithium Project[2]. Other attractive characteristics include outcropping claystone host-rocks and close proximity to infrastructure, including the Project being immediately adjacent to the Grand Army of the Republic Highway (Route 6), which links the regional cities of Ely with Tonopah, close to the Company's existing Polaris and Altair Projects.

Red Mountain Soil Sampling

Shortly after staking the Red Mountain Project, the Company embarked on a regional-scale soil sampling campaign to test for lithium-in-soil that may indicate the presence of lithium claystone at the Project. The Company collected a total of 819 soil samples during September 2023, targeting outcropping and sub-cropping prospective host rocks at a 400x100m grid across the project.

A further 10 soil samples are also reported here from initial reconnaissance sampling undertaken at the Red Mountain Project area in May 2023, prior to staking the claims.

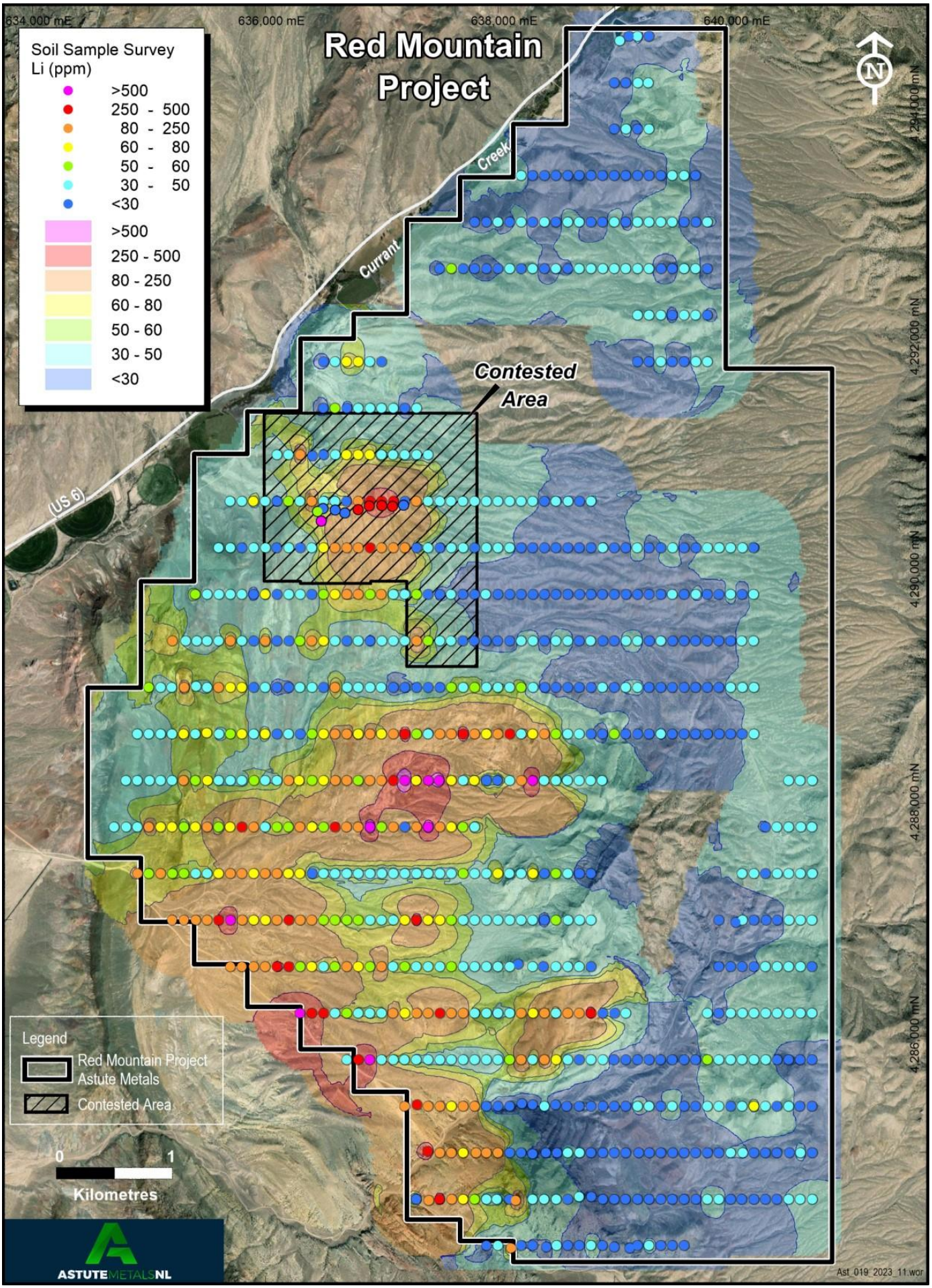

Figure 1. Red Mountain project, soil samples and gridded geochemistry over aerial imagery.

Assay results returned recently have revealed a strike-extensive and broad lithium-in-soil anomaly at the project (Figure 1), with the 50ppm+ lithium anomaly stretching over 8km of approximate north-south strike, in alignment with the observed bedding of host rocks, and a width of up to 2.8km at its widest point. Internal to the 50ppm+ anomaly are two broad and coherent 80-250ppm anomalies, with top values of up to 1,110ppm lithium.

These results are highly encouraging, as they indicate excellent potential for thick underlying lithium-bearing sedimentary rocks on a scale of kilometres.

Red Mountain Rock Chip Sampling

The Company has also recently completed the field component of a rock chip sampling campaign at Red Mountain. The sampling targeted outcropping and sub-cropping rocks at the Project, with the objective of identifying lithium mineralisation in host rocks. Samples taken as part of the campaign have been despatched to the ALS Laboratory in Reno, with results expected by the end of the month.

Overlapping Claims

As previously announced, during the time the Company staked the 556 claims that constitute the Red Mountain Project ("Red Mountain Claims"), a competing claim staker was also active in the Red Mountain Project area. During this time the competing claim staker ("the Competitor"), staked a number of unpatented mining claims in the area that overlap with the Astute claims ("Overlapping Claims")[6]. The vast majority of these claims were staked after the Company staked its claims, however a number of monument stakes were emplaced by the Competitor prior to those by the Company. These are situated on the 'Contested Area' in Figure 1.

Since filing the Red Mountain Claims with Nye County and the Federal Bureau of Land Management (BLM), the Company has informed the Competitor that it must cease any further activities on the overlapping claims, including the 'Contested Area', and that failure to comply would constitute trespass and be subject to corresponding legal action.

In the same correspondence the Company has asserted that it has title to the area covered by the Red Mountain Claims because (1) the Red Mountain Claims were staked before the Overlapping Claims, (2) the Company is in actual possession of the Red Mountain Claims and has been diligently pursuing their development, and (3) the Red Mountain Claims are supported by the discovery of a valuable mineral deposit. The position the Company has taken is supported by relevant case law[3, 4, 5].

Next Steps

The soil sampling results at Red Mountain have revealed a compelling target for exploration drill testing. Following receipt of assay results for the recently completed rock chip sampling at Red Mountain, the Company will finalise its interpretation of all results and plan an initial scout drilling campaign to test the lithium soil anomalism in a number of strategic locations at the Project.

Once final hole designs are completed, the Company will submit a Notice of Operations to the BLM in order to permit the disturbance required for drilling. The Company expects to have permitting approved and a bond in place by the end of the calendar year, with a view to mobilizing a drill rig to test the holes once seasonal conditions permit, toward the end of Q1 2024.

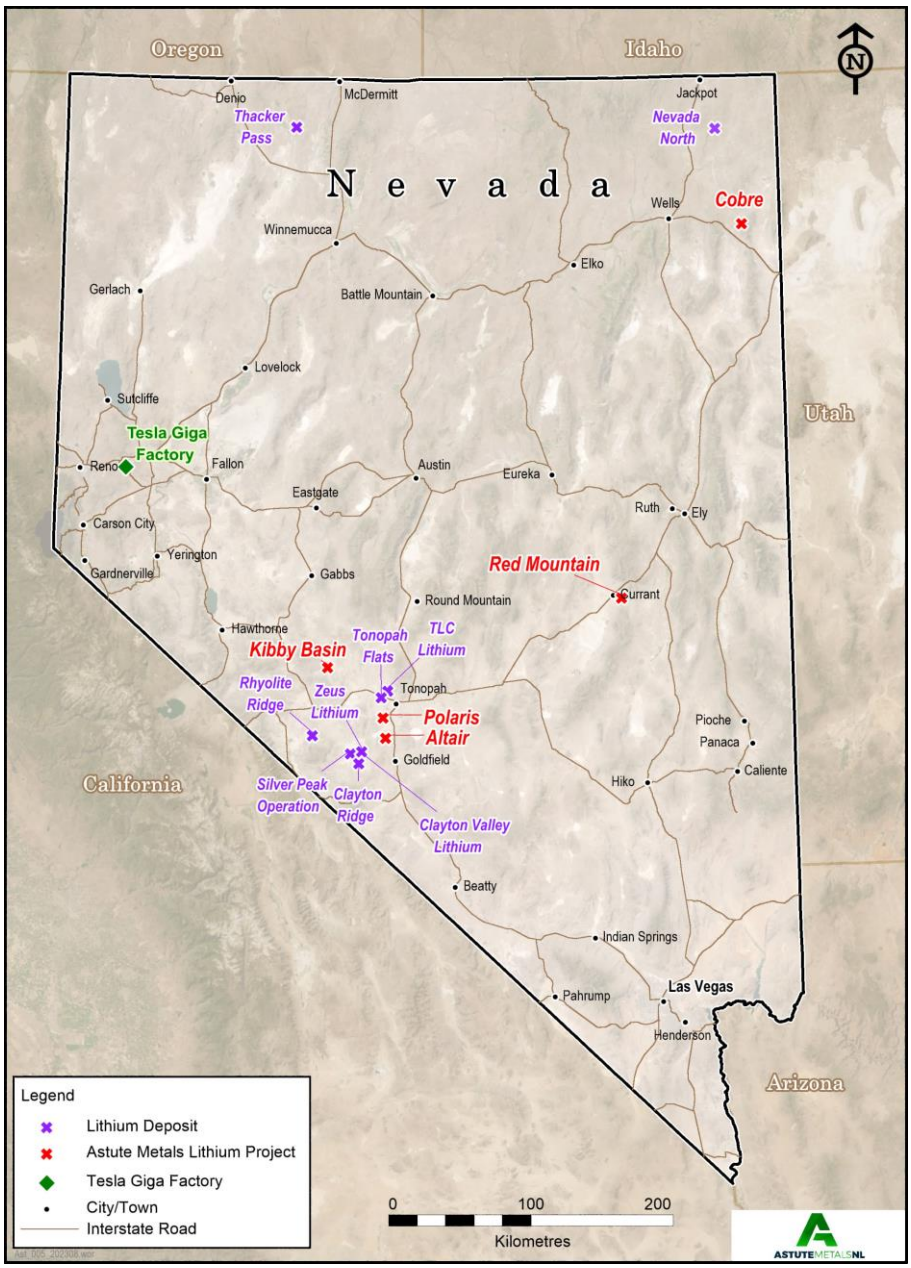

Figure 2. Location of Astute Nevada Lithium Projects and lithium deposits

1 OTCMKTS: ABML 26 February 2023 'Technical Report Summary For The Tonopah Flats Lithium Project, Esmeralda..'
2 TSX.V: LI 17 March 2023 'Tonopah Lithium Claims project NI 43-101 technical report – Preliminary Economic Assessment'
3 Sunburst Minerals LLC v. Emerald Copper Corp., 818 Fed. Appx. 604, 607 ("bad faith" entry onto a mining claim "constitutes a naked trespass, void ab initio") (citing Bagg v. New Jersey Loan Co., 88 Ariz. 182, 189 ("if a subsequent locator enters into possession of a claim knowing that a prior party is in possession of it and has located it, the entry is in bad faith."))
4 Cole v. Ralph, 252 U.S. 286, 294–95 (1920); Geomet Expl. v. Lucky Mc, Ariz., 601 P.2d 1339 (1979) ("Until discovery, the law of possession determines who has the better right to possession. For since, as a practical matter, exploration must precede the discovery of minerals, and some occupation of the land ordinarily is necessary for adequate and systematic exploration, legal recognition of the pedis possessio of a bona fide and qualified prospector is universally regarded as a necessity.")
5 See Berto v. Wilson, 324 P.2d 843 (Nev. 1958); Lombardo Turquoise Mill. & Min. Co., Inc. v. Hemanes, 430 F. Supp. 429 (D. Nev. 1977)
6 Rubicon Explorer Corporation
7 ASX: ASE 18 September 2023 'Expansion of Lithium footprint in Nevada'

Authorisation

This announcement has been authorised for release by the Board of Astute.

More Information

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Competent Persons

The information in this report that relates to Sampling Techniques and Data (Section 1) is based on information compiled by Mr Matthew Healy, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy (AusIMM Member number 303597). Mr Healy is a full-time employee of Astute Metals NL and is eligible to participate in a Loan Funded Share incentive plan of the Company. Mr Healy 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 Healy consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Reporting of Exploration Results (Section 2) is based on information compiled by Mr Richard Newport, principal partner of Richard Newport & Associates – Consultant Geoscientists. Mr Newport is a member of the Australian Institute of Geoscientists and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person under the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr. Newport consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

APPENDIX 1 - JORC Code, 2012 Edition – Table 1

Section 1 - Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	Nature and quality of sampling (eg cut channels, random chips, or specific specialisedindustry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheldXRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. Include reference to measures taken to ensuresample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (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, suchas where there is coarse gold that has inherentsampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.	Soil samples were conventional, and taken from the B-Horizon, (where present) after removal of the A-Horizon and sieved using a 12-mesh sieve. A nominal 0.5kg of sample was collected at each sample location. Claystone hosted lithium deposits are thought to form as a result of the weathering of lithium-bearing volcanic glass within tertiary-aged tuffaceous lacustrine sediments of the mapped Ts3 unit. Inputs of lithium from geothermal sources have also been proposed.
Drilling techniques	Drill type (eg core, reverse circulation, open-holehammer, 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 isoriented and if so, by what method, etc).	Not applicable.
Drill sample recovery	Method of recording and assessing core andchip sample recoveries and results assessed. Measures taken to maximise sample recoveryand ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gainof fine/coarse material.	Not applicable.
Logging	Whether core and chip samples have been geologically and geotechnically logged to alevel of detail to support appropriate MineralResource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative innature. Core (or costean, channel, etc) photography. The total length and percentage of the relevantintersections logged.	Not applicable.

Criteria	JORC Code explanation	Commentary
Sub-sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotarysplit, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparationtechnique. Quality control procedures adopted for all sub-sampling stages to maximise representivityof samples. Measures taken to ensure that the sampling isrepresentative of the in situ material collected,including for instance results for field duplicate/second-half sampling.	Full samples (i.e. samples were not split) were submitted to ALS Laboratories in Reno or Elko for preparation and analysis.
Quality of assay data and laboratory tests	Whether sample sizes are appropriate to thegrain size of the material being sampled. The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial ortotal. For geophysical tools, spectrometers, handheldXRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precisionhave been established.	Samples were analysed by method ME-MS41 which is an ICP-MS method employing an aqua-regia digest. Aqua-regia is not considered a 'total' digest for many elements however is considered fit for purpose for lithium and has been used extensively by other parties exploring for lithium claystone deposits in the USA. Assay quality was monitored using pulp blanks, as well as certified reference materials (CRMs) at a range of lithium grades. Pulp blank results indicated no material contamination of samples from sample preparation or during the analytical process. CRM results were all within 3 standard deviations from the certified value. No other accuracy related issues were identified.
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entryprocedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data.	Samples were assigned a unique sample identification number prior to sample despatch Lithium-mineralised claystone Certified Reference Materials (standards)and pulp blanks were inserted into the sample stream at regular intervals (1:25 ratio) to monitor lab accuracy and potential contamination during analytical processes
Location of data points	Accuracy and quality of surveys used to locatedrill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control.	Sample locations were pre-determined by overlaying a grid and using hand-held GPS to navigate to points. Locations are reported in NAD83 UTM Zone 11. Expected site location accuracy is +/- 10m

APPENDIX 1 - JORC Code, 2012 Edition – Table 1

Criteria	JORC Code explanation	Commentary
Data spacing and distribution	Data spacing for reporting of Exploration Results. Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the MineralResource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied.	Not applicable
Orientation of data in relation to geological structure	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	Based on open file mapping the Horse Camp Formation stratigraphy strikes approximately north-south and dips to the east. Observed dip measurements, which range from 23° to 70° are highly variable and are likely affected by faulting and slumping
Sample security	The measures taken to ensure sample security.	Samples taken from sampling site to external laboratory by Astute employees or engaged contractors
Audits or reviews	The results of any audits or reviews of samplingtechniques and data.	Not applicable

APPENDIX 1 - JORC Code, 2012 Edition – Table 1

Section 2 - Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	Red Mountain Claims (CRN001-556) are held in 100% Astute subsidiary Needles Holdings Inc. and all claims are located on Federal (BLM) Land As outlined in the body text of this ASX release, overlapping claims have been staked in the same area by a competitor staker. The Company has informed the Competitor that it must cease any further activities on the overlapping claims and that failure to comply would constitute trespass and be subject to corresponding legal action. The Company is confident that it has title to the area covered by the Red Mountain Claims because (1) the Red Mountain Claims were staked before the Overlapping Claims, (2) the Company is in actual possession of the Red Mountain Claims and has been diligently pursuing their development, and (3) the Red Mountain Claims are supported by the discovery of a valuable mineral deposit. The position the Company has taken is supported by relevant case law with cases listed in the footnotes at the end of the body of this ASX release. The Company has nonetheless identified a 'contested claims area' in Figure 1. While the Company maintains that it has title to this area, this area is considered the highest risk on the basis that the Competitor emplaced monument stakes ahead of the Company.
Exploration done by other parties	Acknowledgment and appraisal of exploration byother parties.	No known lithium exploration conducted on the Red Mountain Project area by other explorers
Geology	Deposit type, geological setting and style of mineralisation.	The principal target deposit style is claystone hosted lithium mineralisation. Claystone hosted lithium deposits are thought to form as a result of the weathering of lithium-bearing volcanic glass within tertiary-aged tuffaceous lacustrine sediments of the mapped Ts3 unit. Lacustrine environments formed as a result of extensional tectonic regime that produced 'basin and range' topography observed across the stateof Nevada. Inputs of lithium from geothermal sources have also been proposed.

Drill hole Information	A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: ◦ easting and northing of the drill hole collar ◦ elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar ◦ dip and azimuth of the hole ◦ down hole length and interception depth ◦ hole length. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	Not applicable
Data aggregation methods	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. 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 shownin detail. The assumptions used for any reporting of metal equivalent values should be clearly stated.	Not applicable

Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Relationship between mineralisation widths and intercept lengths	These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').	Not applicable
Diagrams	Appropriate maps and sections (with scales) andtabulations 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.	Included in ASX announcement
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.	This release describes all relevant information
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysicalsurvey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	This release describes all relevant information
Further work	The nature and scale of planned further work (egtests for lateral extensions or depth extensions orlarge-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	Rock chip sampling results are awaited from ALS Laboratories Results will be used to design exploration drill holes for testing in the next field season

APPENDIX 2 – Soil Sample Assays

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Sample ID	East (NAD83)	North (NAD83)	Li (ppm)
83205	634699	4287800	37.2
83043	634801	4288200	41.1
83204	634805	4287800	42.1
83203	634899	4287800	39.4
83042	634899	4288200	43.6
83133	634901	4288600	49.7
83685	634903	4287400	87.7
83032	634998	4289000	52.6
83206	634999	4287800	118.5
83132	635000	4288600	43.5
83684	635000	4287400	52.2
83041	635005	4288200	36.9
83207	635100	4287800	73.3
83131	635100	4288600	35
83683	635101	4287400	85.5
83031	635102	4289000	39.6
83039	635102	4288200	41.3
83030	635197	4289000	43.4
83208	635199	4287800	72.6
83038	635200	4288200	45.8
83130	635200	4288600	48.8
83585	635200	4287000	85.7
83061	635201	4289400	80.1
83682	635203	4287400	53.1
83037	635298	4288200	84.5
83129	635299	4288600	72.1
83209	635300	4287800	56.1
83586	635300	4287000	113
83681	635300	4287400	55.1
83029	635304	4289000	112.5
83060	635316	4289400	43.8
83211	635398	4287800	64
83036	635399	4288200	51.4
83128	635399	4288600	48.4
83223	635400	4289800	52.7
83587	635401	4287000	115.5
83680	635401	4287400	48.1
83028	635405	4289010	41.3
83059	635412	4289400	42.8
83127	635497	4288610	63.4
83212	635500	4287800	100.5
83588	635500	4287000	121.5
83058	635500	4289400	38
83679	635501	4287400	40.8
83027	635501	4289000	38
83224	635501	4289800	41.2
83035	635503	4288200	64.2
83213	635599	4287800	54.9
83678	635599	4287400	74.3
83034	635600	4288200	40.9
83589	635600	4287000	253
83026	635600	4289000	83.1
83057	635600	4289400	45.1
83126	635601	4288600	44.1
83226	635601	4289800	45.3
83214	635699	4287800	79.7
83591	635700	4287000	592
83595	635700	4286600	80.8
83677	635700	4287400	106
83056	635700	4289400	81.1
83124	635700	4288600	50.1
83033	635701	4288200	43.2
83024	635701	4289000	64
83227	635701	4289800	34.6
83365	635799	4288200	37.5
83676	635799	4287400	119.5
83023	635799	4289000	77.7
83123	635799	4288600	63.4
83215	635800	4287800	288
83596	635800	4286600	95.9
83062	635800	4289400	47.3
83228	635800	4289800	40.6
83592	635801	4287000	96.1
83216	635900	4287800	243
83063	635900	4289400	25
83122	635900	4288600	40.1
83593	635901	4287000	76.6
83597	635901	4286600	126
83674	635901	4287400	76.3
83022	635901	4289000	28.3
83229	635901	4289800	14.9
83366	635903	4288200	54.8
83367	635999	4288200	44.5
83217	636000	4287800	31
83598	636000	4286600	165.5
83673	636000	4287400	200
83021	636000	4289000	32.2
83064	636000	4289400	82.9
83121	636000	4288600	61.4
83230	636000	4289800	64.3
83594	636001	4287000	76.4
83218	636100	4287800	57.6
83493	636100	4287000	95.2
83571	636100	4287400	130.5
83119	636100	4288600	27
83200	636100	4290600	16.4
83368	636101	4288200	40.3
83599	636101	4286600	289
83020	636101	4289000	21.1
83065	636101	4289400	29.8
83231	636101	4289800	28.4
83570	636199	4287400	67.3
83199	636199	4290600	56.3
83219	636200	4287800	55.8
83118	636200	4288600	37.8
83492	636201	4287000	318
83600	636201	4286600	271
83019	636201	4289000	26
83066	636201	4289400	26.4
83232	636201	4289800	33.6
83369	636202	4288200	89.3
83370	636290	4288200	78.3
83018	636297	4289000	32.7
83220	636298	4287800	156.5
83569	636299	4287400	65.9
83667	636299	4286200	523
83067	636299	4289400	58.5
83198	636299	4290600	49.2
83491	636300	4287000	188.5
83801	636300	4286600	59.2
83117	636300	4288600	22.7
83233	636300	4289800	33.7
83666	636398	4286200	437
83068	636399	4289400	84.6
83197	636399	4290600	156
83489	636400	4287000	122
83802	636400	4286600	65.3
83234	636400	4289800	27.1
83221	636401	4287800	60.1
83568	636401	4287400	29.2
83116	636401	4288600	58
83371	636402	4288200	54.8
83017	636403	4289000	42.8
83222	636500	4287800	58.3
83488	636500	4287000	51.4
83567	636500	4287400	45.7
83803	636500	4286600	49.4
83069	636500	4289400	62
83196	636500	4290600	32.2
83235	636500	4289800	57.6
83665	636501	4286200	266
83115	636501	4288600	69.2
83372	636502	4288200	68.8
83016	636502	4289000	27.4
83804	636599	4286600	59.6
83195	636599	4290600	33.8
83236	636599	4289800	74.3
83202	636600	4287800	310
83487	636600	4287000	57.8
83566	636600	4287400	41.9
83015	636600	4289000	94.5
83070	636600	4289400	30.8
83114	636600	4288600	94.1
83664	636601	4286200	48.2
83373	636603	4288200	82
83194	636698	4290600	29.6
83201	636699	4287800	111.5
83374	636700	4288200	91.4
83486	636700	4287000	54.1
83565	636700	4287400	40.3
83663	636700	4286200	53.8
83668	636700	4285800	43.8
83113	636700	4288600	92.1
83237	636700	4289800	87.8
83805	636701	4286600	143
83071	636702	4289400	27.3
83014	636704	4289000	41
83376	636798	4288200	56.5

APPENDIX 2 – Soil Sample Assays Cont'd

ASTUTEMETALSNL

Sample ID	East (NAD83)	North (NAD83)	Li (ppm)
83072	636798	4289400	33
83100	636799	4287800	123.5
83662	636799	4286200	44.1
83669	636799	4285800	430
83013	636799	4289000	45.1
83112	636799	4288600	65.1
83485	636800	4287000	50
83564	636800	4287400	41.5
83806	636800	4286600	72.4
83193	636800	4290600	118
83238	636800	4289800	86.1
83377	636899	4288200	190.5
83661	636899	4286200	40.2
83670	636899	4285800	614
83099	636900	4287800	895
83563	636900	4287400	40.5
83012	636900	4289000	37.6
83073	636900	4289400	22.8
83111	636900	4288600	88.5
83192	636900	4290600	418
83239	636900	4289800	59.4
83484	636901	4287000	47.9
83807	636901	4286600	53.6
83011	636998	4289000	39.8
83241	636998	4289800	81.4
83364	636999	4288200	168
83660	637000	4286200	43.4
83671	637000	4285800	40.7
83109	637000	4288600	63.1
83191	637000	4290600	438
83098	637001	4287800	56.4
83483	637001	4287000	49.4
83808	637001	4286600	173
83562	637002	4287400	38.8
83074	637002	4289400	33.3
83659	637099	4286200	112
83809	637099	4286600	46.4
83482	637100	4287000	44.2
83561	637100	4287400	33.8
83672	637100	4285800	42.2
83076	637100	4289400	46.9
83108	637100	4288600	93.2
83242	637100	4289800	38.7
83009	637101	4289000	13.6
83363	637102	4288200	407
83089	637102	4287800	101.5
83005	637198	4285800	40.6
83055	637199	4286600	51.1
83008	637199	4289000	21.2
83077	637199	4289400	32.2
83362	637200	4288200	1110
83091	637200	4287800	26
83642	637200	4285400	105
83106	637200	4288600	427
83481	637201	4287000	62.9
83560	637201	4287400	34.9
83658	637201	4286200	63.5
83188	637201	4290600	29.1
83361	637298	4288200	78.4
83054	637298	4286600	49.1
83480	637298	4287000	417
83004	637299	4285800	37.7
83532	637299	4284600	19.8
83187	637299	4290600	140.5
83092	637300	4287800	129
83105	637300	4286200	80.9
83559	637300	4287400	37.9
83007	637300	4289000	26.6
83107	637300	4288600	53.6
83078	637301	4289400	191.5
83641	637303	4285410	296
83714	637398	4285010	340
83053	637399	4286600	45.3
83479	637399	4287000	63.9
83079	637399	4289400	52.6
83003	637400	4285800	36.9
83093	637400	4287800	821
83104	637400	4286200	106
83558	637400	4287400	38.8
83639	637400	4285400	170
83006	637400	4289000	28.9
83134	637400	4288600	45.8
83186	637400	4290600	33.7
83360	637402	4288200	527
83531	637406	4284590	180
83359	637495	4288200	746
83530	637498	4284600	315
83002	637500	4285800	37.5
83052	637500	4286600	45.8
83094	637500	4287800	180.5
83103	637500	4286200	250
83478	637500	4287000	66.7
83557	637500	4287400	36
83638	637500	4285400	148
83713	637500	4285000	141.5
83080	637500	4289400	41.8
83082	637500	4289000	20.9
83135	637500	4288600	86.2
83081	637598	4289400	33.4
83051	637599	4286600	55.7
83556	637599	4287400	39.1
83001	637600	4285800	38.1
83102	637600	4286200	85.7
83477	637600	4287000	58.5
83637	637600	4285400	66.1
83712	637600	4285000	97.2
83136	637600	4288600	93.1
83358	637601	4288200	70.8
83095	637601	4287800	64
83083	637601	4289000	53.1
83529	637604	4284600	188.5
83096	637699	4287800	51.1
83101	637700	4286200	124
83476	637700	4287000	46.8
83555	637700	4287400	50.3
83584	637700	4286600	48.7
83711	637700	4285000	61.3
83862	637700	4285800	35.9
83137	637700	4288600	424
83528	637701	4284600	78.1
83636	637701	4285400	214
83084	637701	4289000	49.1
83357	637702	4288200	38.6
83356	637798	4288200	72.3
83097	637799	4287800	44.5
83583	637799	4286600	31.8
83085	637799	4289000	55.9
83474	637800	4287000	43.7
83527	637800	4284600	51.2
83554	637800	4287400	44.4
83635	637800	4285400	96.2
83863	637800	4285800	34.4
83138	637800	4288600	127.5
83657	637801	4286200	40.1
83180	637801	4293000	29.2
83708	637814	4285000	154
83355	637900	4288200	18.7
83473	637900	4287000	47.3
83526	637900	4284600	34
83553	637900	4287400	49.6
83707	637900	4285000	80.3
83741	637900	4285400	19.9
83086	637900	4289000	41.5
83582	637901	4286600	33.7
83634	637901	4284200	13
83656	637901	4286200	49.7
83864	637901	4285800	47.8
83139	637901	4288600	60.7
83181	637901	4293000	29
83533	637992	4284600	37.9
83354	637997	4288200	27.4
83633	637999	4284200	35
83739	637999	4285400	16.8
83472	638000	4287000	42
83552	638000	4287400	64.5
83581	638000	4286600	31.2
83706	638000	4285000	188
83865	638000	4285800	33.5
83087	638000	4289000	49.3
83182	638000	4293000	30.1
83655	638001	4286200	43.9
83141	638001	4288600	145.5
83534	638099	4284600	29.9
83551	638099	4287400	32.2
83471	638100	4287000	37.8
83654	638100	4286200	43.4
83705	638100	4285000	28
83142	638100	4288600	312

APPENDIX 2 – Soil Sample Assays Cont'd

ASTUTEMETALSNL

Sample ID	East (NAD83)	North (NAD83)	Li (ppm)
83353	638101	4288200	46
83738	638101	4285400	18.4
83866	638101	4285800	51.8
83088	638101	4289000	47.6
83183	638101	4293000	28.1
83580	638102	4286600	37.3
83632	638115	4284180	86.9
83535	638152	4284590	164.5
83579	638175	4286620	27.5
83184	638199	4293000	36.5
83249	638200	4287400	31.3
83704	638200	4285000	25.7
83811	638200	4289000	57.8
83143	638200	4288600	46.4
83470	638201	4287000	39.6
83631	638201	4284200	23.7
83653	638201	4286200	81.2
83867	638201	4285800	184
83179	638201	4293400	36.8
83352	638202	4288200	193
83737	638206	4285420	15.5
83351	638297	4288200	703
83578	638299	4286600	32.2
83703	638299	4284990	24.3
83736	638299	4285410	20.9
83144	638299	4288600	77.5
83469	638300	4287000	36.1
83536	638300	4284600	31.8
83630	638300	4284200	25.3
83868	638300	4285800	36.2
83178	638300	4293400	26.9
83185	638300	4293000	23
83248	638301	4287400	72.7
83652	638301	4286200	79
83812	638301	4289000	30.3
83577	638391	4286600	27
83049	638397	4288200	37.6
83537	638397	4284600	36.6
83247	638399	4287400	26.1
83651	638399	4286200	141
83844	638399	4293000	30.8
83735	638400	4285400	34.5
83869	638400	4285800	125.5
83145	638400	4288600	90.5
83177	638400	4293400	22.5
83468	638401	4287000	19.3
83813	638402	4289000	22.7
83702	638413	4285000	28
83629	638415	4284190	25.4
83734	638495	4285410	19.2
83048	638499	4288200	39
83146	638499	4288600	59
83246	638500	4287400	50.3
83467	638500	4287000	50
83500	638500	4286200	30.5
83576	638500	4286600	32.3
83814	638500	4289000	22.2
83843	638500	4293000	23
83176	638500	4293400	24.2
83870	638502	4285800	63.4
83538	638503	4284600	36.2
83628	638505	4284200	35.1
83701	638508	4285000	27.6
83733	638590	4285400	11
83047	638598	4288200	36.7
83437	638599	4285000	34.4
83539	638599	4284600	31
83245	638600	4287400	36.1
83499	638600	4286200	238
83574	638600	4286600	33.1
83627	638600	4284200	23.2
83871	638600	4285800	36.2
83842	638600	4293000	40.3
83147	638600	4288600	32.3
83174	638600	4293400	23.2
83815	638601	4289000	29.7
83466	638602	4287000	34.3
83541	638698	4284620	30.6
83732	638698	4285400	12.9
83148	638699	4288600	41.5
83046	638700	4288200	32
83498	638700	4286200	170.5
83573	638700	4286600	31.5
83626	638700	4284200	27.1
83872	638700	4285800	29.5
83816	638700	4289000	22.3
83841	638700	4293000	32.4
83173	638700	4293400	27.1
83438	638701	4285000	30.7
83465	638701	4287000	31.9
83244	638702	4287400	22.9
83508	638797	4289400	31
83045	638798	4288200	33.4
83282	638799	4292600	40.5
83385	638799	4289800	25
83243	638800	4287400	24.1
83322	638800	4290200	25.6
83149	638800	4288600	29.4
83172	638800	4293400	24.2
83497	638800	4286200	359
83731	638800	4285400	24.5
83817	638800	4289000	17.9
83839	638800	4293000	22.6
83873	638800	4285800	32.8
83464	638801	4287000	33.6
83572	638801	4286600	27.5
83601	638801	4290600	30.6
83624	638801	4284200	35.2
83542	638802	4284620	28.4
83044	638896	4288200	31.1
83384	638899	4289800	25.2
83623	638899	4284200	29.7
83301	638900	4288600	19.4
83171	638900	4293400	27.9
83749	638900	4293000	27.4
83818	638900	4289000	30
83281	638901	4292600	33.2
83321	638901	4290200	32
83441	638901	4285000	25.3
83496	638901	4286200	20.1
83730	638901	4285400	22.2
83509	638902	4289400	26.9
83543	638902	4284600	25.2
83874	638902	4285800	42.2
83876	638998	4285800	17.8
83162	638999	4293800	27.6
83544	638999	4284600	24.6
83622	638999	4284190	25.3
83280	639000	4292600	33.1
83170	639000	4293400	18.6
83748	639000	4293000	38.8
83845	639000	4289800	25.9
83302	639001	4288600	51.2
83319	639001	4290200	27
83442	639001	4285000	21.1
83154	639001	4294200	28.6
83511	639001	4289400	25.7
83729	639001	4285400	23
83819	639001	4289000	23
83495	639004	4286200	29.9
83158	639047	4294560	30.4
83545	639096	4284600	26.9
83743	639098	4293000	25.8
83279	639100	4292600	30.1
83303	639100	4288600	25.1
83443	639100	4285000	22
83153	639100	4294200	17.1
83169	639100	4293400	21.6
83494	639100	4286200	35.1
83602	639100	4290200	25.5
83728	639100	4285400	24.4
83821	639100	4289000	32
83877	639100	4285800	19.8
83161	639101	4293800	32.1
83512	639101	4289400	33.5
83846	639101	4289800	28
83157	639128	4294600	19.9
83621	639135	4284180	24.6
83603	639198	4290200	40.8
83263	639199	4292600	36.4
83304	639199	4288600	29.2
83160	639199	4293800	25.9
83546	639199	4284600	21.7
83727	639199	4285400	36.3
83822	639199	4289000	31.4
83264	639200	4292200	40.9
83278	639200	4291800	21.3
83168	639200	4293400	25.7

APPENDIX 2 – Soil Sample Assays Cont'd

ASTUTEMETALSNL

Sample ID	East (NAD83)	North (NAD83)	Li (ppm)
83524	639200	4289400	35.2
83619	639200	4284200	29.1
83878	639200	4285800	23.2
83156	639201	4294600	39.9
83742	639201	4293000	31.5
83847	639201	4289800	26
83152	639202	4294200	40.1
83444	639209	4285000	25.4
83151	639293	4294200	34.2
83547	639298	4284600	24.3
83823	639298	4289000	29.7
83155	639299	4294600	12.9
83159	639299	4293800	43.5
83604	639299	4290200	24.1
83251	639300	4293000	34.1
83262	639300	4292600	30.6
83265	639300	4292200	31.5
83277	639300	4291800	28.2
83305	639300	4288600	26
83167	639300	4293400	29.2
83618	639300	4284200	33
83726	639300	4285400	30
83848	639300	4289800	21.9
83879	639300	4285800	20.4
83445	639301	4285000	21.7
83523	639301	4289400	21.2
83880	639398	4285800	17.6
83252	639399	4293000	42.9
83605	639399	4290200	29
83266	639400	4292200	31.5
83276	639400	4291800	37.1
83306	639400	4288600	32
83522	639400	4289400	32.4
83617	639400	4284200	29.5
83724	639400	4285400	28.5
83446	639401	4285000	26.1
83166	639401	4293400	25.4
83548	639401	4284600	27.6
83824	639401	4289000	28
83849	639401	4289800	24.5
83261	639402	4292600	24.8
83253	639499	4293000	45.6
83260	639499	4292600	25.7
83307	639499	4288600	28.3
83826	639499	4289000	25.5
83267	639500	4292200	27.4
83274	639500	4291800	22
83165	639500	4293400	34.4
83549	639500	4284600	18.4
83616	639500	4284200	26
83723	639500	4285400	44
83780	639500	4289800	30.8
83881	639500	4285800	23
83521	639501	4289400	26.3
83606	639501	4290200	46.6
83447	639502	4285000	14.7

Sample ID	East (NAD83)	North (NAD83)	Li (ppm)
83259	639599	4292600	37.6
83273	639599	4291800	29.4
83519	639599	4289400	18.7
83615	639599	4284200	20
83751	639599	4284600	23.8
83254	639600	4293000	19.1
83308	639600	4288600	26
83448	639600	4285000	27.2
83607	639600	4290200	17.4
83722	639600	4285400	27
83781	639600	4289800	21
83827	639600	4289000	19.2
83882	639600	4285800	23.7
83268	639601	4292200	33
83164	639601	4293400	37.9
83309	639699	4288600	21.2
83518	639699	4289400	23.8
83721	639699	4285400	20.7
83779	639699	4285000	28.8
83883	639699	4285800	16.8
83258	639700	4292600	32.5
83269	639700	4292200	39.9
83449	639700	4285000	28.1
83163	639700	4293400	20.6
83828	639700	4289000	27
83255	639701	4293000	24.6
83272	639701	4291800	30.8
83608	639701	4290200	28
83752	639701	4284600	25.9
83782	639701	4289800	33.8
83311	639799	4288600	27.3
83256	639800	4293000	30.9
83270	639800	4292200	27.8
83271	639800	4291800	31.9
83517	639800	4289400	29.7
83609	639800	4290200	37.6
83719	639800	4285400	32.8
83829	639800	4289000	23
83838	639800	4289800	28
83855	639800	4286200	35.7
83257	639801	4292600	23.7
83778	639801	4285000	23.1
83884	639801	4285800	57.5
83756	639802	4284600	39.8
83837	639898	4289800	26.1
83757	639899	4284600	34.4
83854	639899	4286200	21
83516	639900	4289400	28.6
83643	639900	4287000	27.5
83686	639900	4286600	23.9
83718	639900	4285400	35.7
83777	639900	4285000	20.4
83830	639900	4289000	26.9
83885	639900	4285800	30.7
83312	639901	4288600	24.6
83611	639901	4290200	36.2

Sample ID	East (NAD83)	North (NAD83)	Li (ppm)
83313	640000	4288600	27
83687	640000	4286600	26.7
83717	640000	4285400	29.9
83758	640000	4284600	26
83776	640000	4285000	32.4
83831	640000	4289000	33.9
83836	640000	4289800	33.8
83515	640001	4289400	25.5
83612	640001	4290200	33.6
83853	640001	4286200	31.5
83886	640001	4285800	33.7
74939	640044	4286980	15.2
83514	640097	4289400	36.3
83759	640097	4284600	26.6
83887	640099	4285800	32.7
83314	640100	4288600	29.7
74940	640100	4287400	30.6
83688	640100	4286600	26.6
83716	640100	4285400	38.5
83835	640100	4289800	24.4
74938	640101	4287000	31.3
83613	640101	4290200	35.6
83832	640101	4289000	31.3
83852	640101	4286200	35.4
83774	640104	4285000	31.6
83513	640198	4289400	31.1
83834	640198	4289800	33.7
83614	640199	4290200	29
83315	640200	4288600	39.1
74941	640200	4287400	32.3
83649	640200	4287000	29
83689	640200	4286600	28.5
83715	640200	4285400	65.9
83760	640200	4284600	28.8
83833	640200	4289000	31.4
83851	640200	4286200	38.6
83773	640201	4285000	26.2
83856	640202	4285800	33
83744	640298	4287800	26.3
83772	640298	4285000	25.3
83691	640299	4286600	39.4
83761	640299	4284600	29.6
74942	640300	4287400	28.7
83763	640300	4285400	31.6
83857	640301	4285800	39.9
83700	640303	4286200	45.4
83648	640306	4287000	13.7
74950	640397	4287800	47.9
83762	640397	4284600	22.9
83764	640398	4285400	29.9
83771	640398	4285000	29.9
74943	640400	4287400	47.9
83647	640400	4287000	27
83692	640400	4286600	36.9
83699	640400	4286200	36.2
83858	640400	4285800	27.9

APPENDIX 2 – Soil Sample Assays Cont'd

ASTUTEMETALSNL

Sample ID	East (NAD83)	North (NAD83)	Li (ppm)
74944	640498	4287400	35.6
74949	640498	4287800	36.9
83765	640499	4285400	32.1
83859	640499	4285800	16.6
83693	640500	4286600	41.6
83698	640500	4286200	38.1
83745	640500	4288200	38.2
83755	640500	4284600	32.2
83646	640502	4287000	34.1
83770	640504	4285000	25
83766	640596	4285400	26.8
83746	640598	4288200	33.4
83754	640598	4284600	31.8
83860	640599	4285800	27.1
83645	640600	4287000	34.4
83694	640600	4286600	37.7
83697	640600	4286200	39.6
74945	640601	4287400	30.7
83769	640601	4285000	34.6
74948	640604	4287800	33.5
83695	640698	4286600	29.3
83767	640698	4285400	26.5
83861	640698	4285800	26.7
74947	640700	4287800	35
83644	640700	4287000	34.1
83696	640700	4286200	35
74946	640701	4287400	33.5
83753	640701	4284600	32.6
83768	640701	4285000	23.7
83747	640702	4288200	33.7
83463	635599	4290200	33.2
83404	635699	4290600	33.8
83462	635701	4290200	41
83403	635799	4290600	33.9
83461	635799	4290200	26.4
83402	635898	4290600	61.8
83460	635901	4290200	41.5
83401	635999	4290600	43.9
83459	636001	4290200	42.2
83458	636099	4290200	25.7
83419	636101	4291000	34.9
83418	636199	4291000	40
83457	636201	4290200	38
83456	636300	4290200	28
83417	636301	4291000	143.5
83455	636400	4290200	32.1
83416	636405	4290990	29.4
83421	636499	4291400	18.2
83415	636500	4291000	18.5
83436	636500	4291800	23.2
83454	636500	4290200	65.2
83453	636599	4290200	122
83422	636600	4291400	52.8
83435	636600	4291800	31.6
83414	636602	4291000	43.2
83413	636698	4291000	64.7

Sample ID	East (NAD83)	North (NAD83)	Li (ppm)
83434	636699	4291800	77.9
83423	636700	4291400	18.8
83452	636700	4290200	92.7
83412	636800	4291000	60.1
83433	636800	4291800	63.1
83424	636801	4291400	38
83451	636801	4290200	146
83411	636899	4291000	74.9
83432	636899	4291800	41
83300	636900	4290200	261
83426	636900	4291400	39.4
83299	636999	4290200	109
83431	637000	4291800	28.7
83427	637001	4291400	34.8
83408	637098	4291000	42.9
83298	637100	4290200	210
83428	637101	4291400	36.2
83378	637199	4289800	41.5
83407	637199	4291000	30.1
83297	637200	4290200	228
83429	637200	4291400	17.1
83316	637300	4290200	22.2
83379	637300	4289800	56
83406	637300	4291000	40.9
83430	637301	4291400	33.2
83317	637400	4290200	44.5
83380	637400	4289800	29.8
83405	637400	4291000	40.9
83296	637499	4292600	24.4
83318	637501	4290200	21.4
83336	637501	4290600	31.7
83381	637501	4289800	23
83337	637598	4290600	36
83382	637598	4289800	31
83295	637599	4292600	56
83335	637600	4290200	34.4
83383	637698	4289800	23.3
83397	637698	4289400	29.9
83338	637699	4290600	35.3
83294	637700	4292600	29.5
83334	637701	4290200	31.2
83398	637798	4289400	27.8
83293	637800	4292600	28.2
83333	637800	4290200	28.7
83396	637800	4289800	28.2
83339	637801	4290600	33.5
83395	637894	4289800	30.4
83399	637899	4289400	24.8
83292	637900	4292600	25.5
83332	637901	4290200	37.3
83341	637902	4290600	40.3
83400	637998	4289400	25.3
83291	638000	4292600	26.8
83331	638000	4290200	32.5
83342	638000	4290600	40.2
83394	638001	4289800	17

Sample ID	East (NAD83)	North (NAD83)	Li (ppm)
83289	638100	4292600	40.3
83330	638100	4290200	35.7
83343	638101	4290600	32
83393	638101	4289800	19.2
83501	638101	4289400	22.2
83329	638199	4290200	23.4
83392	638199	4289800	12.8
83288	638200	4292600	28.1
83344	638200	4290600	30.4
83502	638200	4289400	33.9
83287	638299	4292600	34
83328	638300	4290200	20.8
83345	638300	4290600	33.6
83391	638301	4289800	25.3
83503	638301	4289400	36.8
83504	638399	4289400	20.9
83286	638400	4292600	23.8
83327	638400	4290200	19.6
83346	638400	4290600	25.6
83389	638401	4289800	22.7
83388	638497	4289800	18.9
83326	638499	4290200	27.1
83285	638500	4292600	30.3
83347	638500	4290600	30.6
83505	638500	4289400	37.9
83324	638599	4290200	14.9
83284	638600	4292600	28.2
83387	638601	4289800	27.4
83506	638601	4289400	33.5
83348	638602	4290600	30.4
83283	638699	4292600	33.7
83323	638700	4290200	25.5
83507	638700	4289400	24.8
83349	638702	4290600	27.3
83386	638703	4289800	23.3
600130	636894	4290560	475
600131	637001	4290564	468
600132	637095	4290557	468
600133	637189	4290567	48.2
600134	636801	4290526	261
600135	636687	4290498	33.4
600136	636603	4290524	32
600137	636497	4290537	38.1
600138	636450	4290510	56
600139	636481	4290429	997