Gold Mountain Limited
(ASX: GMN)

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Australia

Projects

Lithium Projects (Brazil)
Juremal
Custodia
Jacurici
Cerro Cora and Porta D'Agua

Wabag Project (PNG)
Mt Wipi
Monoyal
Sak Creek

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ASX Announcement | 10 January 2023

Gold Mountain Limited (ASX:GMN)

Soil Sampling at the Custodia Project Area confirms LCT Pegmatite Prospectivity

Initial reconnaissance soil program defines lithium anomalies on the Custodia grids

Technical highlights

- Soil results from the Custodia soil sampling program (141 samples) confirms the prospectivity of the Custodia project area to host LCT bearing pegmatites
- Results show the previously reported rock chip results from Custodia lie within defined lithium anomalies but in a low order portion of the anomaly
- Results are encouraging and show continuity of the lithium anomalies over more than 900 metres in the Central Grid at Custodia and over at least 200 metres in the Southeast grid
- Both grids show that lithium anomalies are open in all directions
- Further soil sampling, rock chip sampling and mapping is planned to define the extent of these anomalies
- Any major anomaly defined will be trenched and sampled to test Lithium mineralisation at greater depth in order to define drillable targets

Gold Mountain Limited **(ASX:GMN)** ("**Gold Mountain**" or the "**Company**") is pleased to announce that results for one hundred and forty one (141) soil samples collected by Mars Mines geologists from the Custodia Project have been returned (Figure 1).

Figure 1. Location of the Mars Mines and GMN's Custodia Tenement

The Mars Mines soil results support the earlier reconnaissance rock chip results which indicated that LCT bearing pegmatites are present in the Custodia project areas (refer ASX release 6 January 2023). The Central Grid is 950 metres by 425 metres and had 200 metre spaced lines that were sampled on 25 metre centres. The Southeast grid is partially complete with only three lines sampled spaced 200 metres apart, two lines 350 metres long and one line 600 metres long. These grids were designed to test whether soil sampling would be effective in the strongly weathered and leached soils in this environment. Whole soils were submitted for analysis.

Locations of the two grids sampled in relation to each other are shown on Figure 2. Significant anomalies in the Central Grid are shown on Figures 3 and 4. Anomalies on the Southeastern grid are shown on Figures 5 and 6. A complete list of assay results is included in Appendix 1.

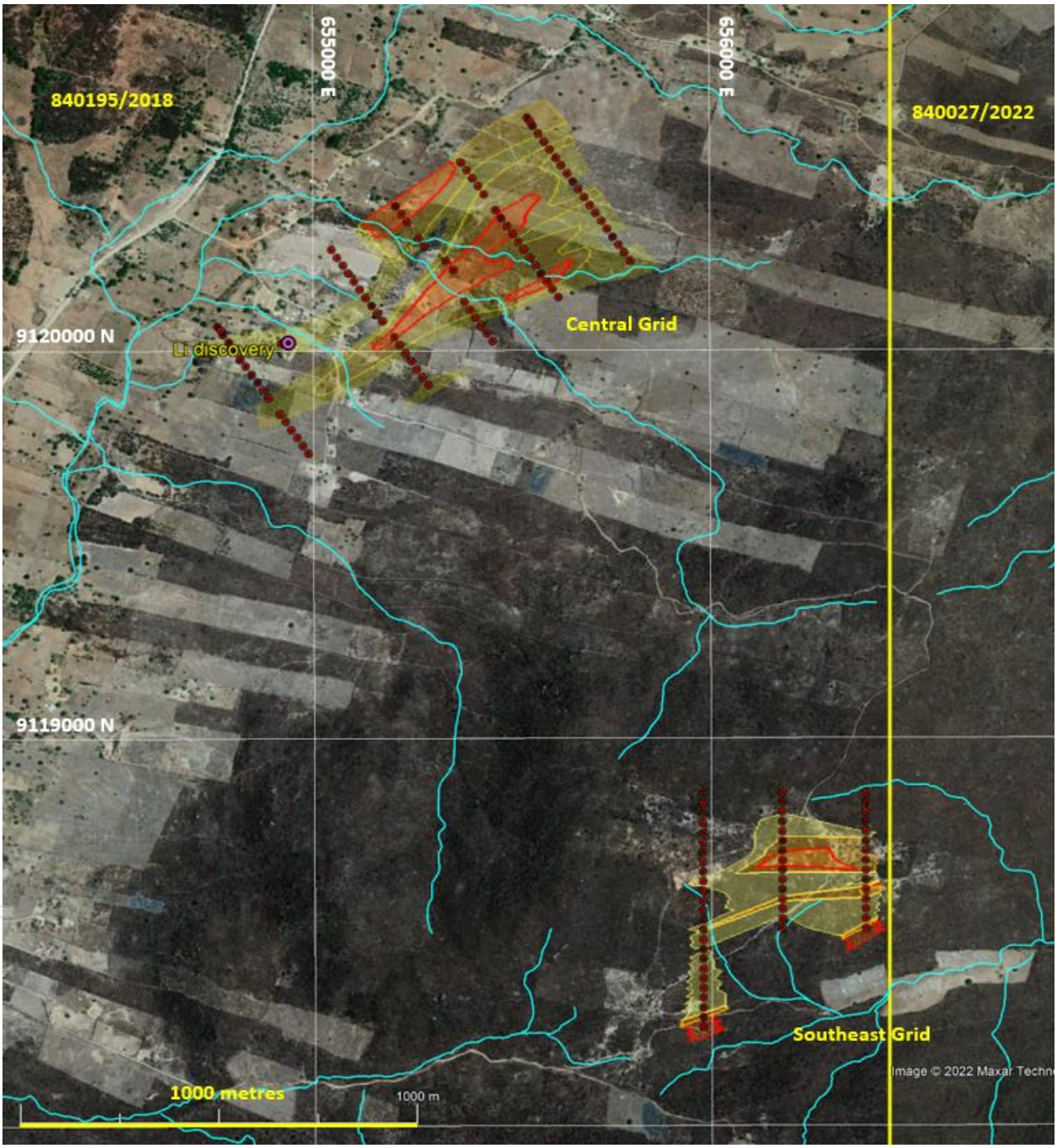

Figure 2. Location of the Central and Southeast grids in 840195/2018, Custodia Project

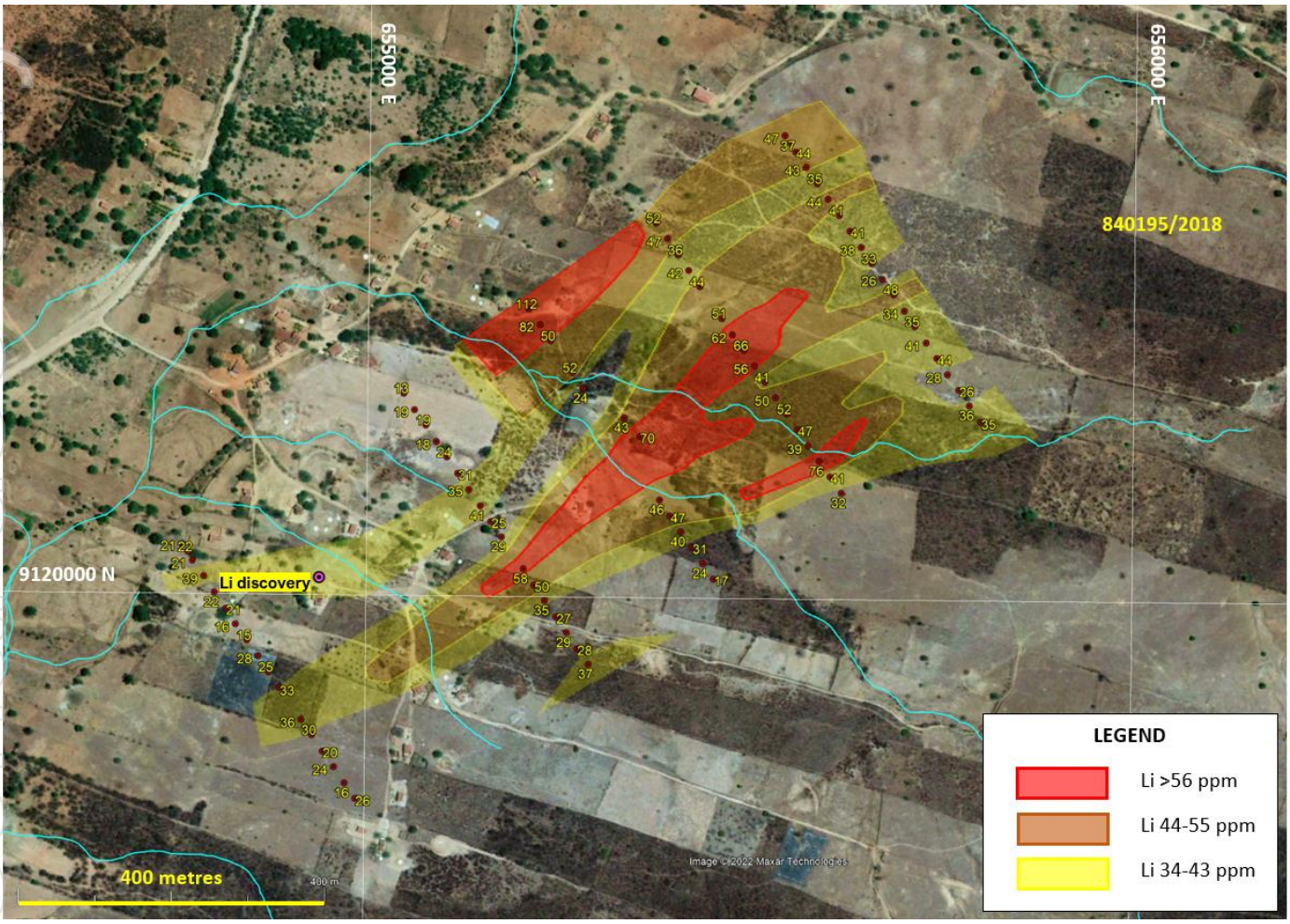

Figure 3. Central Grid and discovery spodumene occurrence with interpreted soil anomalies

Figure 3 shows anomalies defined with only low order anomalism at the discovery site where spodumene in very weathered pegmatite was located.

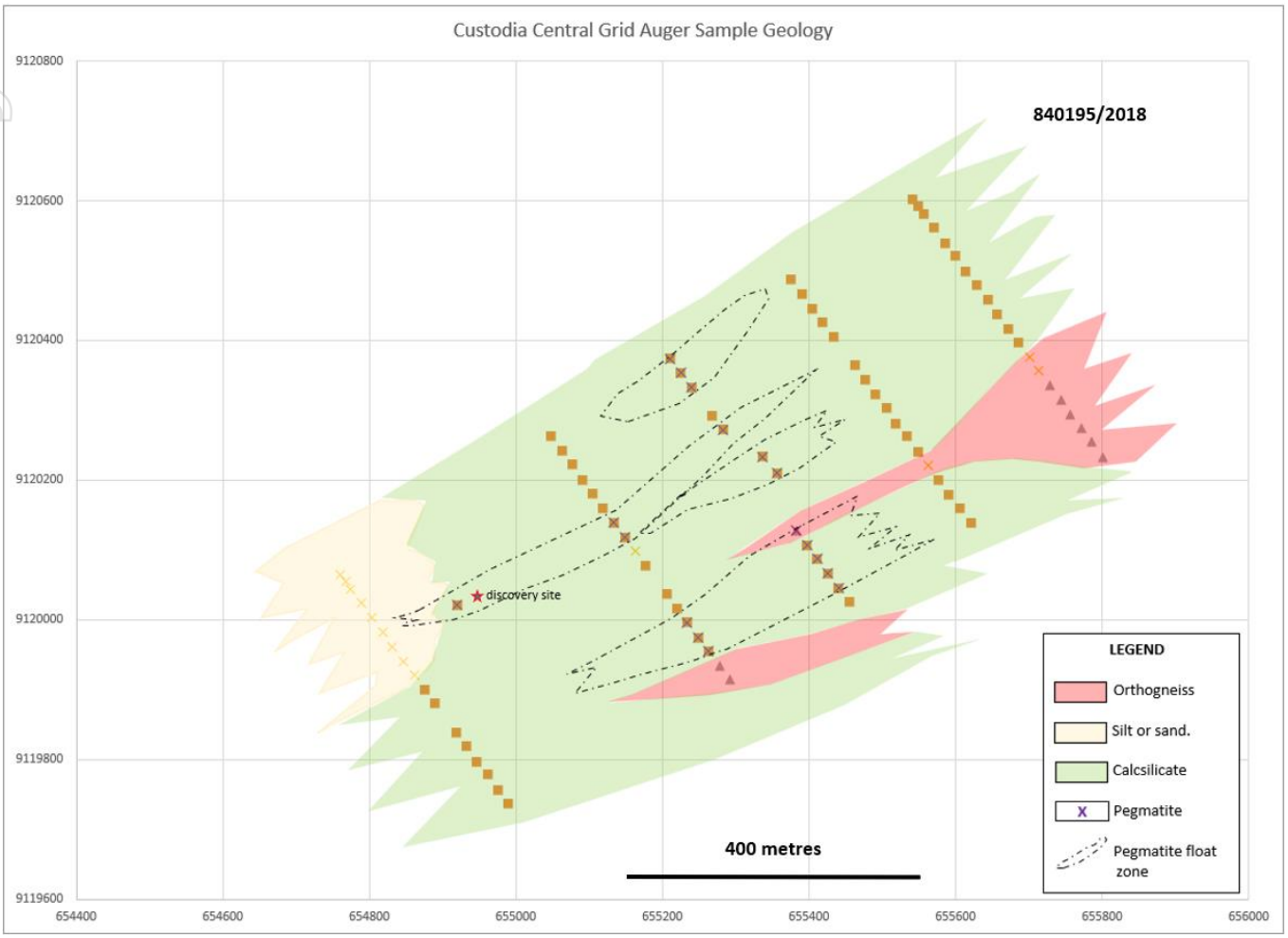

Figure 4. Central Grid with interpreted soil anomalies over mapped geology

Geology was mapped from soil auger cuttings and outcropping rock types.

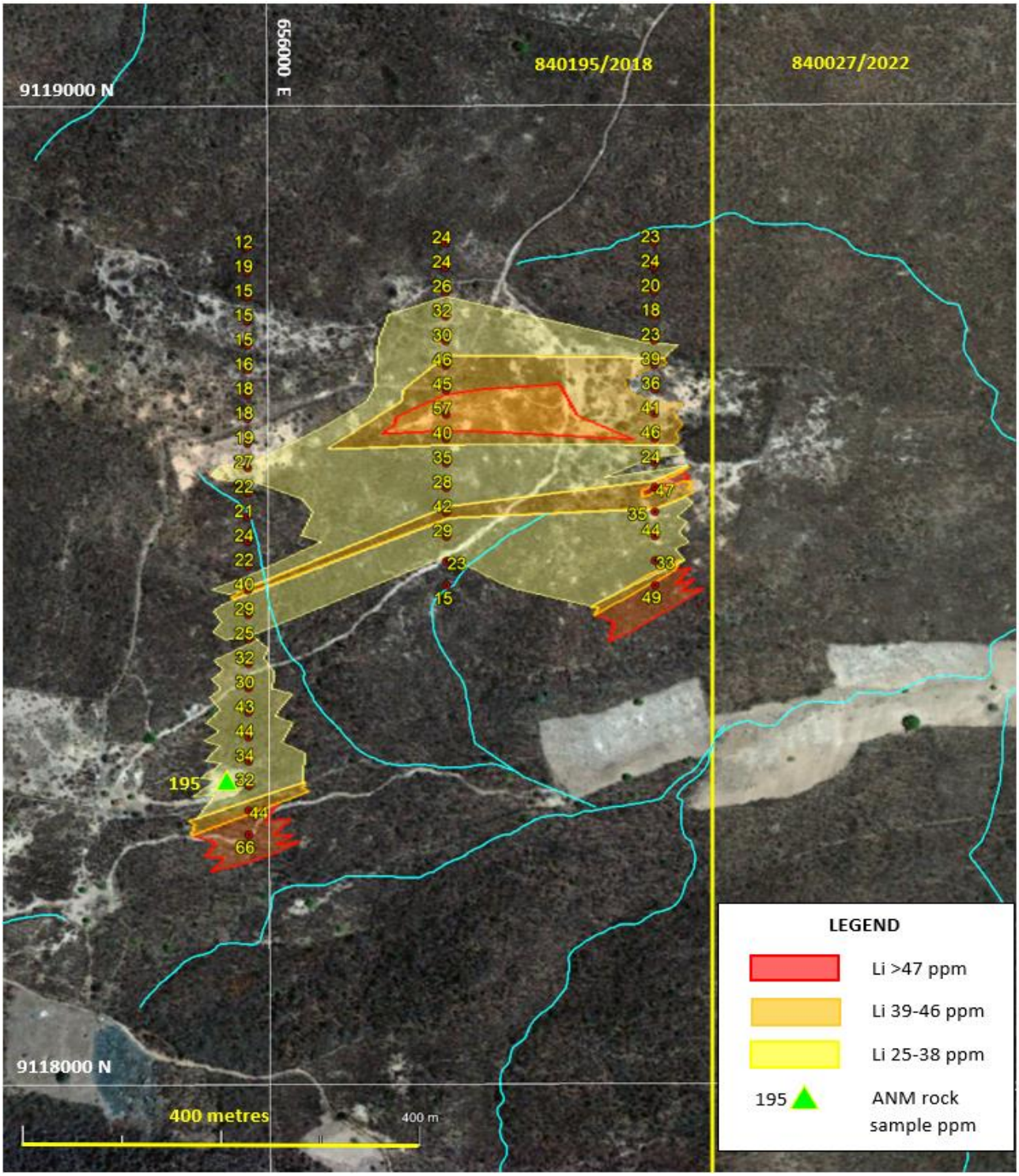

Figure 5. Southeast Grid with interpreted soil anomalies and historical rock sample analysis by the Brazilian Geological Survey

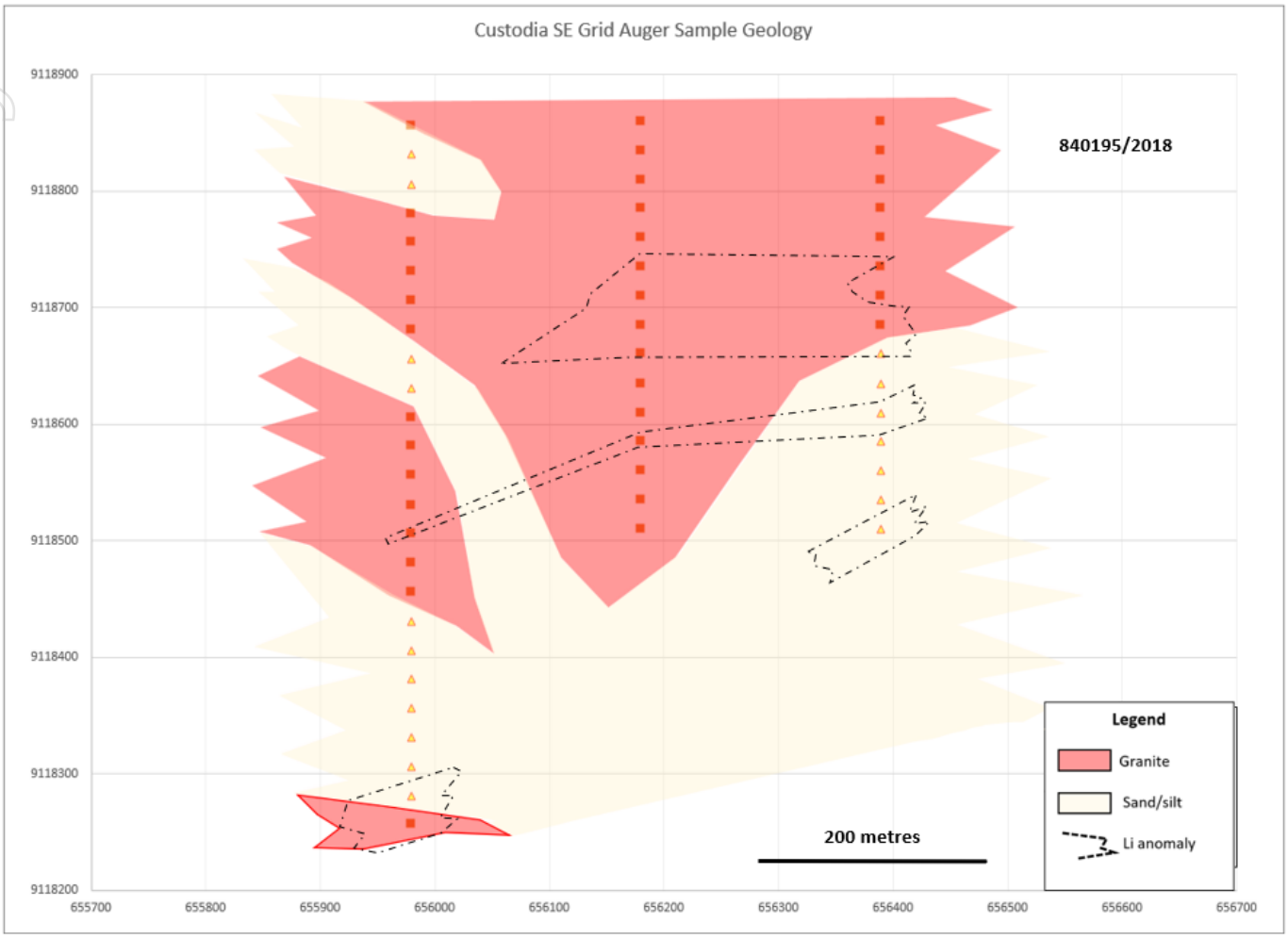

Figure 6. Southeast Grid with interpreted soil anomalies over mapped geology

These preliminary grids will now be expanded to define the anomalies over a broader area. Stream sediment sampling, in 840195/2018 as well as within the adjacent tenements, will also be carried out to define the scale of the pegmatite field and define further areas for soil sampling and follow up drilling.

Gold Mountain's Chief Executive Officer & Executive Director Tim Cameron said: "*These soil sample results we have received from the Custodia Project area has proved that this methodology can define lithium anomalies in this highly weathered terrain. It is good to see that the recently reported rock chip samples collected from Custodia lie within this distinct soil anomaly. Further work on Custodia is planned to follow up this promising start to our exploration and it is planned to resume exploration at Custodia later this month.*"

This ASX announcement has been authorised by the Board of Gold Mountain Limited

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About Us

Gold Mountain (ASX:GMN) is a mineral explorer with projects based in Brazil and Papua New Guinea (PNG). These assets, which are highly prospective for a range of metals including lithium, copper and gold, are now actively being explored.

Gold Mountain has gradually diversified its project portfolio. In November 2022, the company acquired an initial 20% holding in a package of highly prospective lithium licenses located within the eastern Brazilian lithium belt, spread over parts of the Borborema Province and São Francisco craton in north-eastern Brazil. The company can earn an additional 55% interest through incurring project expenditure of $2.75 million over a 2-year period. More recently, Gold Mountain announced plans to acquire a 75% interest in a package of seven highly prospective lithium exploration licenses located in the Salinas II Project area in eastern Brazil.

In PNG, Gold Mountain is exploring the Wabag Project, which covers approximately 950km^2 of highly prospective exploration ground in the Papuan Mobile belt. This project contains three targets, Mt Wipi, Monoyal and Sak Creek, all lying within a northwest-southeast striking structural corridor. The three prospects have significant potential to host a porphyry copper-gold-molybdenum system and, or a copper-gold skarn system. Gold Mountain's current focus is Mt Wipi, which has been subjected to several phases of exploration, and the potential to host a significant copper-gold deposit is high. The current secondary targets are, in order of priority, Monoyal and Sak Creek.

To learn more, please visit: www.goldmountainltd.com.au/

Competent Person Statement

The information in this report that relates to Geological Data and Exploration Results is based on, and fairly represents, information and supporting documentation compiled by Mr Peter Temby, who is employed by Mars Mines Limited which is consulting to Gold Mountain Limited, and a Member of the Australian Institute of Geoscientists.

Mr Temby 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 as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'.

Mr Temby consents to the inclusion in this report of the matters based on his information, and information presented to him, in the form and context in which it appears.

Forward Looking Statements and Important Notice

This report contains forecasts, projections and forward-looking information. Although the Company believes that its expectations, estimates and forecast outcomes are based on reasonable assumptions it can give no assurance that these will be achieved. Expectations and estimates and projections and information provided by the Company are not a guarantee of future performance and involve unknown risks and uncertainties, many of which are out of Gold Mountain's control.

Actual results and developments will almost certainly differ materially from those expressed or implied. Gold Mountain has not audited or investigated the accuracy or completeness of the information, statements and opinions contained in this announcement. To the maximum extent permitted by applicable laws, Gold Mountain makes no representation and can give no assurance, guarantee or warranty, express or implied, as to, and takes no responsibility and assumes no liability for the authenticity, validity, accuracy, suitability or completeness of, or any errors in or omission from, any information, statement or opinion contained in this report and without prejudice, to the generality of the foregoing, the achievement or accuracy of any forecasts, projections or other forward looking information contained or referred to in this report.

Investors should make and rely upon their own enquiries before deciding to acquire or deal in the Company's securities.

Appendix 1. Analytical Results

Custodia 840195/2018 Soil Sample Results - ME-MS89L																				
Sample #	UTM E	UTM N	Projection	Zone	Be ppm	Bi ppm	Cs ppm	Fe %	Ga ppm	K %	Li ppm	Mn ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Tl ppm	U ppm	V ppm
SL-0001	655980	9118256	WGS84	24S	4.5	0.2	4.5	0.99	24.3	4.89	66	150	12.7	190	<3	380	1.42	1.02	3.3	26
SL-0002	655980	9118281	WGS84	24S	4.1	0.4	8	2.14	38.2	3.3	44	90	15.9	190.5	4	250	1.76	1.33	3.6	41
SL-0003	655980	9118306	WGS84	24S	3.9	0.4	6.1	1.55	29.3	4.27	32	100	14.8	195	3	350	1.56	1.11	4.1	36
SL-0004	655980	9118331	WGS84	24S	4.6	0.4	4.5	1.45	29.9	4	34	170	13.3	176	6	470	1.4	0.98	3.9	35
SL-0005	655980	9118356	WGS84	24S	3.5	0.4	5.9	1.9	31.6	4.16	44	320	15.1	196.5	5	430	1.44	1.14	4.3	41
SL-0006	655980	9118381	WGS84	24S	4.2	0.5	6.9	1.85	31	4.49	43	220	14.6	212	5	390	1.46	1.28	4.9	43
SL-0007	655980	9118406	WGS84	24S	2.3	0.6	4.9	1.19	24.2	5.77	30	160	14	207	4	360	1.33	1.19	3.6	32
SL-0008	655980	9118431	WGS84	24S	3.5	0.7	6.9	1.65	30.6	4.23	32	160	13.9	178	4	400	1.24	1.09	4.3	36
SL-0009	655980	9118456	WGS84	24S	3.8	0.5	5.1	1.25	26.5	4.79	25	190	13.5	187	3	420	1.41	1.13	3.7	29
SL-0010	655980	9118481	WGS84	24S	3.7	0.5	5.7	1.61	30.1	4.21	29	150	14.3	181.5	3	450	1.44	1.05	3.7	36
SL-0011	655980	9118506	WGS84	24S	3.8	0.9	7.9	2.16	34.4	3.59	40	200	13.8	202	4	430	1.29	1.38	4.4	49
SL-0012	655980	9118531	WGS84	24S	3.3	0.6	5	1.11	24.9	5.79	22	190	15.3	212	3	350	1.44	1.36	3.8	28
SL-0013	655980	9118556	WGS84	24S	2.1	0.6	5.5	1.36	24.3	5.43	24	360	14.3	213	<3	370	1.36	1.24	3.1	28
SL-0014	655980	9118581	WGS84	24S	2.2	0.6	5.8	1.28	26.8	6	21	230	14.2	231	3	360	1.36	1.38	3.1	29
SL-0015	655980	9118606	WGS84	24S	2.2	0.7	6.3	1.36	26.8	5.25	22	200	16.1	217	3	330	1.58	1.35	3.5	30
SL-0016	655980	9118631	WGS84	24S	2.2	0.8	6.4	1.75	33.6	5.16	27	160	15.6	228	4	290	1.42	1.31	4	36
SL-0017	655980	9118656	WGS84	24S	2	1.1	5.1	1.39	27.1	5.97	19	180	15	224	4	350	1.39	1.38	4	33
SL-0018	655980	9118681	WGS84	24S	2.6	0.9	5.2	1.23	23.5	5.89	18	240	15.5	221	4	360	1.44	1.43	3.9	29
SL-0019	655980	9118706	WGS84	24S	2.8	0.5	5.4	1.16	24.2	5.96	18	230	15.1	231	4	350	1.48	1.24	4	28
SL-0020	655980	9118731	WGS84	24S	2.2	0.8	5.4	1.12	25	6.06	16	150	15.1	223	4	360	1.58	1.27	3.7	31
SL-0021	655980	9118756	WGS84	24S	1.2	0.6	5.4	1.1	21.8	6.05	15	160	14.7	224	3	380	1.37	1.29	3.6	29
SL-0022	655980	9118781	WGS84	24S	1.7	0.6	4.9	1.1	21	6.05	15	160	15.1	224	3	350	1.52	1.41	3.4	26
SL-0023	655980	9118806	WGS84	24S	1.7	0.7	4.4	1.07	20.1	5.91	15	180	15.2	214	3	370	1.48	1.24	3.2	28
SL-0024	655980	9118831	WGS84	24S	3.5	0.7	5.8	1.27	23.6	5.62	19	170	16	214	3	380	1.36	1.28	3.7	30
SL-0025	655980	9118856	WGS84	24S	1.7	0.6	4	0.84	18.2	5.87	12	210	13.5	204	4	410	1.23	1.22	3.4	24
SL-0026	656180	9118510	WGS84	24S	1.9	0.4	4.3	0.89	21.7	6.04	15	240	15.8	223	<3	370	1.62	1.31	3.8	26
SL-0027	656180	9118535	WGS84	24S	1.9	0.3	6	1.12	24.3	6.11	23	170	16.1	234	3	340	1.74	1.36	4	32
SL-0028	656180	9118560	WGS84	24S	2.7	0.4	6.9	1.29	24.8	5.82	29	220	15.8	232	4	380	1.76	1.48	3.9	33
SL-0029	656180	9118585	WGS84	24S	3.7	0.3	8	1.96	31.6	4.53	42	290	17	223	4	330	1.82	1.53	5.1	38
SL-0030	656180	9118610	WGS84	24S	2.3	0.2	5.6	1.2	24.6	5.9	28	230	15.4	232	3	360	1.64	1.49	3.6	23
SL-0031	656180	9118635	WGS84	24S	2.2	0.2	5.8	1.26	24.7	5.68	35	220	16.2	230	3	330	1.82	1.49	3.7	22
SL-0032	656180	9118660	WGS84	24S	3.4	0.2	7.6	1.62	30.2	5.26	40	230	16.8	242	5	310	1.88	1.65	4.3	26
SL-0033	656180	9118685	WGS84	24S	2.7	0.3	8.7	2.12	37.4	4.03	57	190	17	224	5	250	1.98	1.52	4.6	33
SL-0034	656180	9118710	WGS84	24S	2.8	0.3	8	1.75	35.1	4.67	45	170	16.4	233	4	260	1.8	1.45	4.1	28
SL-0035	656180	9118735	WGS84	24S	2.8	0.3	8.5	1.97	32.7	4.53	46	220	17.2	226	4	310	1.56	1.54	4.9	36
SL-0036	656180	9118760	WGS84	24S	1.7	0.4	6.4	1.46	29.2	5.75	30	260	16.8	247	4	340	1.76	1.57	5.3	32
SL-0037	656180	9118785	WGS84	24S	2.7	0.3	7.1	1.48	27.7	5.39	32	160	16.6	223	4	310	1.64	1.42	4.3	32
SL-0038	656180	9118810	WGS84	24S	2.7	0.3	6.8	1.13	23.9	5.88	26	210	17	264	3	320	1.68	1.61	3.8	24
SL-0039	656180	9118835	WGS84	24S	2.8	0.3	6.2	0.9	22.8	5.93	24	140	15.1	241	5	320	1.63	1.45	3.1	21
SL-0040	656180	9118860	WGS84	24S	3.9	0.5	7.1	1.29	22.8	5.7	24	230	18.7	242	3	380	2.18	1.37	4.4	31
SL-0041	656390	9118510	WGS84	24S	3	0.4	7.1	2.15	32.7	4.58	49	240	15.5	224	4	310	1.64	1.37	5.2	49

Custodia 840195/2018 Soil Sample Results - ME-MS89L																				
Sample #	UTM E	UTM N	Projection	Zone	Be ppm	Bi ppm	Cs ppm	Fe %	Ga ppm	K %	Li ppm	Mn ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Tl ppm	U ppm	V ppm
SL-0042	656390	9118535	WGS84	24S	1.9	0.3	6.1	1.67	27.5	5.26	33	160	14.9	233	5	350	1.52	1.41	4.1	39
SL-0043	656390	9118560	WGS84	24S	2.7	0.5	7.7	2.13	32.2	4.73	44	290	16	233	4	320	1.51	1.43	5.3	47
SL-0044	656390	9118585	WGS84	24S	2.5	0.5	6.1	1.8	29.6	5.33	35	210	15.8	239	3	360	1.54	1.41	5	42
SL-0045	656390	9118610	WGS84	24S	3.1	0.4	7.8	2.32	34.6	3.98	47	290	15.3	225	4	300	1.43	1.31	5.1	50
SL-0046	656390	9118635	WGS84	24S	2.3	0.5	6.8	1.45	23.9	5.56	24	240	16	233	4	340	1.51	1.36	4.9	35
SL-0047	656390	9118660	WGS84	24S	3	0.3	7	2.03	32.2	4.65	46	330	15.9	227	4	300	1.45	1.44	5.3	43
SL-0048	656390	9118685	WGS84	24S	2.4	0.3	6.1	1.78	30.2	4.9	41	270	16.2	197.5	5	340	1.48	1.42	5.2	42
SL-0049	656390	9118710	WGS84	24S	2.4	0.2	5.6	1.64	29.6	5.2	36	270	17	201	6	330	1.54	1.34	4.4	37
SL-0050	656390	9118735	WGS84	24S	3.2	0.3	5.9	1.56	29.7	4.8	39	170	16.4	196	4	320	1.43	1.44	4.2	33
SL-0051	656390	9118760	WGS84	24S	2.1	0.3	4.2	1.08	25.5	5.34	23	160	16.5	184	4	420	1.72	1.24	3.7	32
SL-0052	656390	9118785	WGS84	24S	2.2	0.2	3.5	0.78	22	5.59	18	160	15.7	186.5	3	400	1.54	1.17	3.5	24
SL-0053	656390	9118810	WGS84	24S	2.3	0.3	4.4	0.92	23.8	5.43	20	170	17.8	192	3	320	1.87	1.24	3.9	26
SL-0054	656390	9118835	WGS84	24S	1.6	0.4	4.6	0.99	22.9	5.64	24	160	16.8	195	5	340	1.62	1.17	4.5	31
SL-0055	656390	9118860	WGS84	24S	2.6	0.3	5	1.02	23.8	5.41	23	170	16.4	193.5	4	390	1.59	1.2	4	32
SL-0056	654760	9120065	WGS84	24S	1.4	0.1	3.6	1.12	14.6	4.38	21	250	13.8	130	3	280	1.04	0.75	2.6	39
SL-0057	654768	9120055	WGS84	24S	2.2	0.2	3.9	1.56	15.7	3.52	22	270	12.8	111	3	250	1.04	0.75	2.4	52
SL-0058	654774	9120044	WGS84	24S	1.7	0.2	4.1	1.5	14.5	3.71	21	310	12.7	115.5	3	240	0.93	0.7	2.2	47
SL-0059	654789	9120024	WGS84	24S	2.4	0.3	7.5	2.87	24.7	3.15	39	170	14.4	127	4	200	1.24	0.87	2.4	75
SL-0060	654803	9120003	WGS84	24S	1.6	0.1	4.2	1.2	16.1	3.93	22	170	11.2	127	4	280	0.98	0.75	2.1	38
SL-0061	654818	9119982	WGS84	24S	2.1	0.2	4.8	1.08	16.4	4.43	21	150	12.8	143.5	5	290	0.95	0.92	2.7	35
SL-0062	654831	9119962	WGS84	24S	2.2	0.2	3.8	0.81	14.4	4.27	16	130	9.8	131.5	3	290	0.82	0.86	2.1	29
SL-0063	654846	9119941	WGS84	24S	2.7	0.3	5	1.1	16.1	4.08	15	180	12.1	128.5	5	350	1	0.81	2.5	42
SL-0064	654861	9119921	WGS84	24S	3	0.3	6.5	1.16	19.2	4.08	28	110	14.6	154	5	380	1.18	0.95	3.4	46
SL-0065	654875	9119900	WGS84	24S	2.9	0.2	6.2	1.34	22.1	4.61	25	120	13.8	169.5	8	350	1.23	1.07	2.6	31
SL-0066	654889	9119880	WGS84	24S	2.3	0.2	7.5	1.55	23.1	4.48	33	450	13.6	181.5	5	310	1.25	1.21	3.7	33
SL-0067	654918	9119839	WGS84	24S	2.3	0.4	5.9	1.4	22.1	4.74	36	340	14.8	178.5	6	330	1.4	1.14	3	32
SL-0068	654932	9119819	WGS84	24S	2	0.2	5.1	1.03	16.4	5.15	30	220	13.8	174.5	4	340	1.04	1.23	2.7	30
SL-0069	654946	9119798	WGS84	24S	1.7	0.3	5	1.08	15.2	5.02	20	190	17.4	161	5	260	1.64	1	3.1	36
SL-0070	654961	9119778	WGS84	24S	2.7	0.4	7.9	1.79	19.2	4.41	24	240	15.8	164	7	270	1.32	1.14	3.3	57
SL-0071	654975	9119757	WGS84	24S	1.8	0.3	5.1	0.95	16.7	5.03	16	140	14.4	168.5	8	260	1.18	0.91	3	29
SL-0072	654989	9119737	WGS84	24S	2.9	0.3	7.9	1.42	16.1	4.71	26	290	16.2	188	9	260	1.6	1.2	3.4	44
SL-0073	654920	9120021	WGS84	24S	2.5	0.3	5.7	0.99	20.3	3.54	39	120	14	175.5	4	120	0.98	1.03	3.4	30
SL-0074	655048	9120263	WGS84	24S	1	0.3	3.8	0.85	14.8	5.66	13	210	14.6	174	4	320	1.67	1.03	2.8	27
SL-0075	655062	9120242	WGS84	24S	1	0.3	3.8	0.88	15.4	5.59	19	160	13.7	167.5	3	290	1.84	1.02	2.6	30
SL-0076	655077	9120222	WGS84	24S	1.8	0.3	3.6	0.77	16	5.84	19	140	15.1	174.5	3	310	1.54	1.13	2.7	27
SL-0077	655091	9120201	WGS84	24S	0.8	0.2	3.4	0.53	16.5	5.97	18	100	11.8	171.5	3	310	1.27	1.06	2	20
SL-0078	655105	9120181	WGS84	24S	1.4	0.2	4.2	0.78	16.3	5.59	24	120	17.9	173.5	3	290	2	1.06	3.2	30
SL-0079	655119	9120160	WGS84	24S	1.5	0.3	3.9	0.77	15.3	5.09	31	120	16.1	157	3	260	2	0.97	3.1	27
SL-0080	655134	9120139	WGS84	24S	1.9	0.2	4.5	0.95	16.9	4.75	35	150	14.9	151.5	3	300	1.57	0.9	3.3	30
SL-0081	655149	9120118	WGS84	24S	2.7	0.2	6.1	1.27	19.3	4.68	41	150	19.5	159	4	300	1.91	0.9	3.2	45
SL-0082	655163	9120098	WGS84	24S	1.7	0.2	6.2	1.18	18.2	4.92	25	150	18.6	167.5	4	340	2.02	1.06	3.2	42
SL-0083	655177	9120078	WGS84	24S	2.4	0.2	5.4	1.02	18.9	5.28	29	140	19.9	181	4	320	1.95	1.04	3.2	33
SL-0084	655206	9120037	WGS84	24S	2.8	0.3	6.3	1.34	25.3	4.89	58	160	16.7	190.5	4	300	1.94	1.1	3.1	33

Gold Mountain Limited

Custodia 840195/2018 Soil Sample Results - ME-MS89L																				
Sample #	UTM E	UTM N	Projection	Zone	Be ppm	Bi ppm	Cs ppm	Fe %	Ga ppm	K %	Li ppm	Mn ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Tl ppm	U ppm	V ppm
SL-0085	655220	9120016	WGS84	24S	2.3	0.3	5.7	1.29	21.5	4.77	50	240	16.3	186	4	320	1.74	1.18	3.3	30
SL-0086	655234	9119996	WGS84	24S	2.3	0.3	4.9	1.09	20.1	5.08	35	210	17.2	182.5	3	340	2.12	1.06	3	26
SL-0087	655249	9119975	WGS84	24S	2.9	0.3	6.1	1.34	23.7	4.91	27	170	16.9	188	4	350	2.1	1.1	3.5	32
SL-0088	655263	9119955	WGS84	24S	2.6	0.2	7.1	1.41	23.7	5.05	29	210	18.1	195	4	350	1.79	1.04	3.4	34
SL-0089	655277	9119934	WGS84	24S	2.4	0.3	5.7	1.22	19.3	4.9	28	140	16.8	190	4	320	1.76	1.15	3.6	29
SL-0090	655292	9119914	WGS84	24S	3	0.2	5.5	1.54	25.1	4.55	37	250	17	189	4	370	2.03	1.28	3.6	34
SL-0091	655210	9120374	WGS84	24S	3.1	0.4	13.1	2.75	18.9	2.94	112	930	23.5	183.5	5	190	2.15	1.18	3.4	81
SL-0092	655225	9120354	WGS84	24S	3.2	0.3	10.7	1.78	19.8	3.33	82	360	18.7	174	4	210	1.88	0.99	3.1	59
SL-0093	655239	9120333	WGS84	24S	3.2	0.2	9	1.49	21.5	4.18	50	120	14.6	174.5	4	350	1.58	1.1	2.5	32
SL-0094	655268	9120292	WGS84	24S	3.9	0.3	8.3	1.67	22.5	3.86	52	490	15.6	161.5	5	380	1.62	0.89	4.3	42
SL-0095	655282	9120272	WGS84	24S	1.8	0.3	4.8	1.02	18.5	5.62	24	220	14.5	177.5	4	340	1.49	1.2	3.8	32
SL-0096	655336	9120234	WGS84	24S	4.6	0.3	9.8	2.09	27.2	4.03	43	140	16.6	180.5	5	370	1.6	1.21	4.4	52
SL-0097	655356	9120210	WGS84	24S	4.3	0.3	18.7	2.32	30	3.79	70	370	15	183	5	310	1.83	1.2	3.4	56
SL-0099	655383	9120128	WGS84	24S	4.6	0.3	7.9	2.18	21.6	4.25	46	430	15.6	183.5	5	390	1.8	1.06	3.9	54
SL-0100	655397	9120107	WGS84	24S	3.5	0.3	8.9	2.2	18.9	4.46	47	480	17.4	199	5	360	1.76	1.12	4.4	57
SL-0101	655411	9120087	WGS84	24S	4.9	0.3	9.8	2.3	22.1	3.96	40	330	14.8	187.5	6	320	1.06	1.24	4.5	56
SL-0102	655426	9120067	WGS84	24S	2.8	0.3	8.9	1.91	19.9	4.39	31	380	15.3	194	5	310	1.14	1.22	3.5	46
SL-0103	655440	9120046	WGS84	24S	2.2	0.4	6.8	1.41	19.8	4.71	24	140	19.5	175.5	5	290	2.09	1.06	3.9	48
SL-0104	655454	9120026	WGS84	24S	1.1	0.2	4.6	1.05	16.6	5.1	17	150	17.1	168.5	4	300	1.62	0.96	3.2	36
SL-0105	655375	9120487	WGS84	24S	3.8	0.2	8.3	1.43	25.2	3.55	52	310	11.1	167.5	3	360	1.24	0.99	2.6	25
SL-0106	655390	9120467	WGS84	24S	3.8	0.2	7	1.68	26.2	3.63	47	260	11.3	164.5	4	380	1.02	0.96	2.5	34
SL-0107	655404	9120446	WGS84	24S	4.2	0.3	6.4	1.52	23.6	3.75	36	250	14.2	168.5	4	340	1.52	1	2.9	35
SL-0108	655418	9120426	WGS84	24S	3.7	0.2	8.4	1.49	23.9	3.81	42	200	14.5	170.5	4	350	1.48	0.99	3.5	31
SL-0109	655433	9120405	WGS84	24S	3.8	0.1	9.1	1.52	24.7	3.86	44	290	14.4	173	6	360	1.43	1.06	2.9	31
SL-0110	655462	9120364	WGS84	24S	2.5	0.2	10.3	1.56	24.2	4.12	51	190	13.1	177.5	4	340	1.3	1.13	2.8	34
SL-0111	655476	9120343	WGS84	24S	1.8	0.1	12	1.19	20.5	4.68	62	150	12.5	198	4	290	1.22	1.12	2.7	28
SL-0112	655491	9120323	WGS84	24S	1.5	0.1	8.8	1.18	20.4	4.63	66	160	13.5	183.5	4	290	1.45	0.99	3	27
SL-0113	655505	9120303	WGS84	24S	2.7	0.2	7.5	1.53	21	4.22	56	290	13.6	177.5	5	270	1.61	0.96	2.8	34
SL-0114	655519	9120282	WGS84	24S	2.9	0.1	5.8	1.38	20.2	4.07	41	230	13	158	4	320	1.37	0.8	2.7	34
SL-0115	655533	9120262	WGS84	24S	3.5	0.2	7.3	2.36	21.6	3.56	50	270	13.9	160	6	240	1.16	1.08	3.2	63
SL-0116	655548	9120241	WGS84	24S	3.7	0.3	10.1	3.08	20.9	3.02	52	570	14.3	165	4	300	0.9	0.87	3.4	89
SL-0117	655562	9120221	WGS84	24S	3.5	0.5	9.7	2.53	22.6	3.18	47	340	15.2	169	4	310	1.36	0.88	4.2	74
SL-0118	655576	9120200	WGS84	24S	2.7	0.3	6.3	2.19	19.8	3.47	39	470	16.2	139.5	4	310	1.39	0.68	4.3	59
SL-0119	655591	9120180	WGS84	24S	5.4	0.6	14.4	4.49	26.7	2.7	76	550	17.4	187.5	5	290	1.5	1.23	6.4	125
SL-0120	655605	9120160	WGS84	24S	4.2	0.5	9.7	3.1	21.5	2.86	41	710	17.2	181.5	5	370	1.59	1.06	3.7	93
SL-0121	655620	9120139	WGS84	24S	5.3	0.4	7.8	2.62	23.6	3.2	32	590	17.6	161	4	390	1.54	0.98	4.3	76
SL-0122	655542	9120602	WGS84	24S	3.1	0.3	10.3	2.59	22.2	3.4	47	560	18.5	194.5	4	310	1.77	1.09	3.9	74
SL-0123	655550	9120592	WGS84	24S	3.8	0.2	7.3	1.81	22.1	3.73	37	420	16.5	177.5	3	260	1.86	0.94	3.9	47
SL-0124	655556	9120581	WGS84	24S	2.4	0.2	6.2	2.1	23.7	3.82	44	280	12.8	170	4	310	1.2	0.96	3	46
SL-0125	655570	9120561	WGS84	24S	2.4	0.2	6.3	1.93	24.8	3.93	43	270	13.2	183	4	330	1.26	1.09	3.2	43
SL-0126	655585	9120540	WGS84	24S	2.7	0.2	6.8	1.43	21.3	3.97	35	240	12.5	168.5	3	320	1.28	1	3.1	33
SL-0127	655599	9120520	WGS84	24S	3.2	0.2	6	1.46	22.5	4.19	44	240	13.2	166.5	4	340	1.24	0.93	3	34
SL-0128	655614	9120499	WGS84	24S	2.7	0.1	5.9	1.24	20.5	4.1	41	230	12.4	155.5	5	300	1.23	0.95	3.1	25

Custodia 840195/2018 Soil Sample Results - ME-MS89L																				
Sample #	UTM E	UTM N	Projection	Zone	Be ppm	Bi ppm	Cs ppm	Fe %	Ga ppm	K %	Li ppm	Mn ppm	Nb ppm	Rb ppm	Sn ppm	Sr ppm	Ta ppm	Tl ppm	U ppm	V ppm
SL-0129	655628	9120479	WGS84	24S	2.3	0.9	9.7	1.5	23.7	4.34	41	190	14.4	171	7	330	1.48	1.04	2.7	34
SL-0130	655643	9120458	WGS84	24S	2.1	0.6	7.3	1.5	20.9	4.23	38	300	12.5	160.5	7	340	1.35	1.07	2.6	32
SL-0131	655657	9120437	WGS84	24S	2.1	0.2	5.7	1.31	21.3	4.25	33	210	12.9	156	6	320	1.36	0.94	3.1	29
SL-0132	655671	9120417	WGS84	24S	2.6	0.1	5.4	1.12	19.8	4.41	26	150	11.8	147.5	3	300	1.44	0.78	2.9	22
SL-0133	655686	9120397	WGS84	24S	2.7	0.2	9.1	1.57	24.2	3.89	48	130	12.6	183.5	7	350	1.82	1.14	2.4	33
SL-0134	655700	9120376	WGS84	24S	2.5	0.6	5.6	1.24	22.5	4.19	34	180	13.6	158.5	6	340	1.74	0.94	2.5	27
SL-0135	655714	9120356	WGS84	24S	2.7	0.2	5.2	1.08	20.6	4.29	35	160	14.5	149.5	5	320	2.15	0.9	3.1	24
SL-0136	655729	9120335	WGS84	24S	4.5	0.1	7.6	1.15	24.8	3.99	41	100	13.6	161	6	350	1.44	1	2.9	24
SL-0137	655743	9120315	WGS84	24S	3.4	1.5	9.5	1.7	27	3.73	44	150	15	172.5	10	420	1.55	1.18	2.9	37
SL-0138	655757	9120294	WGS84	24S	3.1	0.4	4.2	1.04	23.1	4.06	28	190	12	143	6	380	1.75	0.87	3.3	24
SL-0139	655772	9120274	WGS84	24S	3.6	0.3	4.8	0.94	22.9	3.69	26	70	14.8	134	6	390	2.31	0.85	3.3	23
SL-0140	655786	9120254	WGS84	24S	3.4	0.3	6.7	2.25	21.8	3.46	36	410	13.6	141.5	5	320	1.07	0.75	3.5	60
SL-0141	655801	9120233	WGS84	24S	2.7	0.1	6	1.56	22.7	3.88	35	130	15.8	154.5	4	420	1.38	0.88	3.6	44

Appendix 2 JORC Code, 2012 Edition – Table 1

Section 1 - Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections)

Criteria	JORC Code Explanation	Commentary
Sampling techniques	▪ *Nature and quality of sampling (e.g., cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* ▪ *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* ▪ *Aspects of the determination of mineralisation that are Material to the Public Report.* ▪ *In cases where 'industry standard' work has been done this would be relatively simple (e.g., 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g., submarine nodules) may warrant disclosure of detailed information.*	▪ *soil samples were collected from hand auger holes in the field, they weighed approximately 1 kg. They are not considered representative of the possible grade of mineralisation at depth. The samples were taken below the thin A horizon and from 20-40 cm depth.* ▪ *Style of mineralisation sought is pegmatite intrusion hosted lithium and tantalum. Sources are considered to be certain S type granites.*
Drilling techniques	▪ *Drill type (e.g., core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g., core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	▪ *No drilling has been undertaken*
Drill sample recovery	▪ *Method of recording and assessing core and chip sample recoveries and results assessed.* ▪ *Measures taken to maximise sample recovery and ensure representative nature of the samples.* ▪ *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	▪ *No drilling has been undertaken*
Logging	▪ *Whether core and chip samples have been geologically and geotechnically logged to a*	▪ *No drilling has been undertaken*

Criteria	JORC Code Explanation	Commentary
	level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. ▪ *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* ▪ *The total length and percentage of the relevant intersections logged.*	
Sub-sampling techniques and sample preparation	▪ *If core, whether cut or sawn and whether quarter, half or all core taken.* ▪ *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* ▪ *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* ▪ *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* ▪ *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* ▪ *Whether sample sizes are appropriate to the grain size of the material being sampled.*	▪ *No drilling has been undertaken* ▪ *No drilling undertaken* ▪ *All samples were crushed in full and the entire sample pulverised in full to provide a representative sample of a soil sample.* ▪ *Sample size averages 1 kg and the samples were taken to define lithium anomalies rather than produce a grade from what is a leached and weathered sample*
Quality of assay data and laboratory tests	▪ *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* ▪ *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* ▪ *Nature of quality control procedures adopted (e.g., standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e., lack of bias) and precision have been established.*	▪ *The analytical techniques used are four acid digest and ICP-MS.* ▪ *No standards duplicates or blanks accompany these initial samples that will not be used other than to indicate potentially interesting lithium contents of the variably weathered samples.* ▪ *Checks of the analytical values of CRM's used by the laboratory against the CRM specification sheets were made to assess whether analyses were within acceptable limits.*
Verification of sampling and assaying	▪ *The verification of significant intersections by either independent or alternative company personnel.* ▪ *The use of twinned holes.* ▪ *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.*	▪ *No verification will be undertaken for these soil samples that will not be used in any resource estimate. The samples are to determine the levels of Li and other valuable elements*

Criteria	JORC Code Explanation	Commentary
	▪ *Discuss any adjustment to assay data.*	
Location of data points	▪ *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* ▪ *Specification of the grid system used.* ▪ *Quality and adequacy of topographic control.*	▪ *All sample locations were measured using a handheld Garmin GPS model 62s in WGS84 and UTM coordinates. The accuracy is considered sufficient for a first pass sampling program.*
Data spacing and distribution	▪ *Data spacing for reporting of Exploration Results.* ▪ *Whether the data spacing, and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* ▪ *Whether sample compositing has been applied.*	▪ *Soil samples were taken on approximately 25 metre centres on 200 metre spaced lines*
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.*	▪ *Lines were oriented approximately at right angles to the measured regional structure and the outcropping pegmatite at the discovery site*
Sample security	▪ *The measures taken to ensure sample security.*	▪ *Samples were securely packed and sent by a reliable commercial courier to the laboratory*
Audits or reviews	▪ *The results of any audits or reviews of sampling techniques and data.*	▪ *No audits or reviews of sampling data undertaken*

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	▪ *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.*	▪ *Fifteen tenements are held by Tatiana Barbosa de Souza Libardi who is the legal representative and holder of POA as well as the trustee on behalf of Mars Mines Brasil Ltda for all the tenements which have been applied for. These tenements are those that GMN will earn up to a 75% interest in. One additional tenement is held by Neliton Dias Santos who has an agreement with Mars Mines Brasil Ltda which holds a 95% interest in 840195/2018 tenement. Sampling reported was carried out on the granted tenement held by Neliton Dias Santos* ▪ *The tenements consist of 14 granted tenements and 2 applications going through the grant process.*
Exploration done by other parties	▪ *Acknowledgment and appraisal of exploration by other parties.*	▪ *No prior formal exploration is known on any of the tenements however there has been some informal exploration and fossicking for the spodumene which comes in blue and pink colours.*
Geology	▪ *Deposit type, geological setting and style of mineralisation.*	▪ *The mineralisation in the region is pegmatite intrusion related lithium mineralisation associated with post orogenic intrusives.*
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.*	▪ *The mineralisation in the region pegmatite intrusion related lithium and tantalum mineralisation associated with post orogenic intrusives, Mineralisation typically occurs as disseminated crystals or crystal clusters in the host pegmatite. Host sequence is a thin bedded and or strongly foliated metasedimentary sequence. All samples are described with UTM WGS84 coordinates*
Data aggregation methods	▪ *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g., cutting of high grades) and cut-off grades are usually Material and should be stated.*	▪ *No drilling or sample aggregation undertaken, no cut off grades were applied.*

Criteria	JORC Code Explanation	Commentary
	▪ *Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* ▪ *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	
Relationship between mineralisation widths and intercept lengths	▪ *These relationships are particularly important in the reporting of Exploration Results.* ▪ *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* ▪ *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').*	▪ *No drilling undertaken*
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.*	▪ *No drilling undertaken; plan views of rock sample locations are provided*
Balanced reporting	▪ *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	▪ *All results for lithium in soil samples are reported in this release*
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.*	▪ *Visually identified spodumene float, identified by a combination of crystal habit, density, hardness and host lithology are used to visually identify spodumene prior to laboratory analysis. Mapped pegmatite occurrences are present and contain weathered spodumene.*
Further work	▪ *The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).* ▪ *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling*	▪ *Additional work is follow up by soil sampling and regional stream sediment sampling, followed by diamond drilling to define resources.* *Diagrams clearly show that none of the anomalies are closed off and are surrounded by granted tenements held by Tatiana Barbosa de Souza Libardi or by Neliton Dias*

Criteria	JORC Code Explanation	Commentary
	areas, provided this information is not commercially sensitive.	*Santos. Future work will be carried out in those tenements, as well as all other tenements held by the Mars-GMN JV.*