

2 January 2017

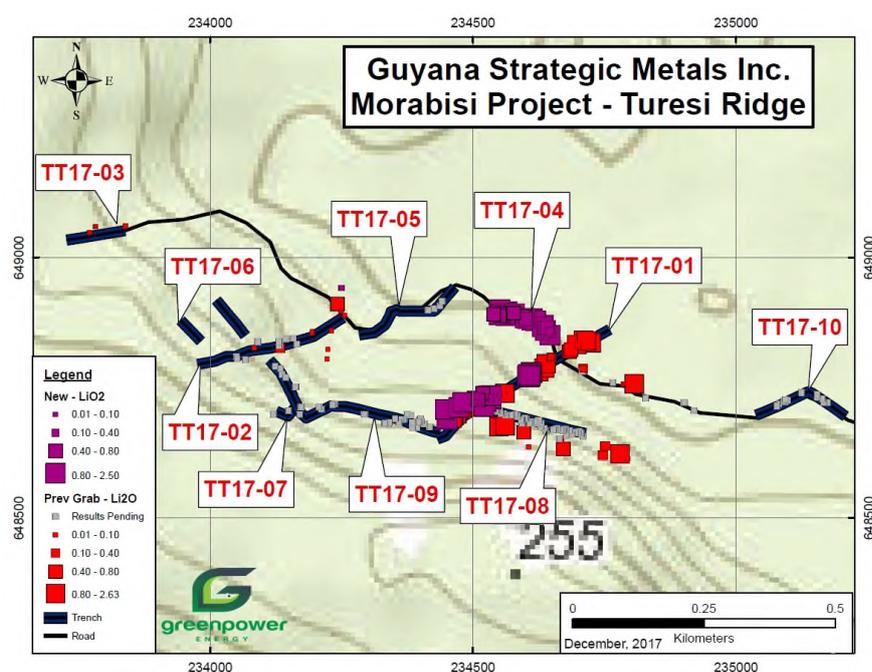
## MORABISI UPDATE – LITHIUM ZONE AT TURESIS IS EXPANDED

### Highlights

- Highly encouraging Lithium values have been obtained over an area of approximately 10000 sq. meters [Trenches 1, 4 and 8] and this zone is open in all directions.
- Assays of up to 2.41% LiO<sub>2</sub> recorded from the latest batch of analyses.
- Thus far over 130 samples from Turesi have been collected of which ~40 confirm assays greater than +1% and 10 greater than +2%.
- Approximately 50% of Turesi analyses now received with the remainder expected over the coming weeks.
- Further assay results will be released as they come to hand.

Greenpower Energy Ltd (ASX: Greenpower, “GPP”, “Company”) is pleased to provide the following update regarding Turesi analytical results at the Morabisi Lithium/REE Project (“Project”).

The next batch of analyses received from the laboratories in Canada are presented in the map below and analytical results received to date at Turesi are summarised in Table 1. These results represent further analyses from samples collected at the Turesi Ridge trenching programme of which approximately 50% have now been received. The positions of the sample points for which analyses are not yet to hand are also illustrated on the following map (black trench and grab lines):



+61 418 852 700 | +61 299 991 515

PO Box 1664 Fremantle WA 6959 Australia

Lvl 1, 46 Ord Street West Perth WA 6005 Australia

Sample_Id	Field_Id	Type	Target	UTMeastings	UTMnorthings	Lithology_1	LiO2
11S-166660	GR001	Grab	Turesi	234795	648614		0.01
11S-166661	GR002	Grab	Turesi	234747.196	648620.215		0.15
11S-166662	GR003	Grab	Turesi	234780	648623		1.00
11S-166663	GR004	Grab	Turesi	234222.717	648805.234		0.01
11S-166664	GR005	Grab	Turesi	234751.817	648638.45	Aplite	0.13
11S-166665	GR006	Grab	Turesi	234083.545	648827.515	Feldspar-spdodumene pegmatite	0.02
11S-166666	GR007	Grab	Turesi	234671.799	648632.707	Hornblende-biotite granite/migmatite	0.76
11S-166667	GR008	Grab	Turesi	234231.036	648859.079		0.01
11S-166668	GR009	Grab	Turesi	234668.762	648647.878	Pegmatite; 75cps; 0.7%K	0.08
11S-166669	GR011	Grab	Turesi	234606.003	648636.308	Pegmatite/aplite; 79cps; 1.9%K	0.06
11S-166670	GR013	Grab	Turesi	234596.817	648664.449	Pegmatite/aplite	0.50
11S-166671	GR015	Grab	Turesi	234561.637	648676.659	Pegmatite/aplite; 80cps; 1.2%K	0.93
11S-166672	GR017	Grab	Turesi	234549.554	648675.051	Pegmatite; 122cps; 0.7%K	1.04
11S-166673	GR019	Grab	Turesi	234223.902	648823.262	Pegmatite; 111cps; 0.7%K	0.01
A2021251	TT1701-01	Grab	Turesi	234,526	648,705		0.01
A2021252	TT1701-02	Grab	Turesi	234,677	648,817		0.05
A2021253	TT1701-03	Grab	Turesi	234,677	648,812		0.06
A2021254	TT1701-04	Grab	Turesi	234,684	648,814		0.08
A2021255	TT1701-05	Grab	Turesi	234,703	648,831		0.20
A2021256	TT1701-06	Grab	Turesi	234,133	648,837		0.01
A2021257	TT1701-07	Grab	Turesi	233,839	649,061		0.01
A2021324	TT1702-36	Grab	Turesi	234,133	648,826	Granite	0.36
A2021325	TT1702-37	Grab	Turesi	234,194	648,855	Pegmatite	0.01
A2021326	TT1702-38	Grab	Turesi	234,194	648,856	Pegmatite	0.01
A2021327	TT1702-39	Grab	Turesi	234,194	648,857	Pegmatite	0.01
A2021329	TT1702-40	Grab	Turesi	234,194	648,858	Mylonite	0.06
A2021350	TT1702-41	Grab	Turesi	234,255	648,889		0.01
A2021373	TT01-204B	Grab	Turesi	234,613	648,777	Pegmatitie	2.03
A2021374	TT01-301	Grab	Turesi	234,555	648,889	Pegmatite	0.82
A2021375	TT01-302	Grab	Turesi	234,560	648,895	Pegmatite	1.61
A2021376	TT01-303	Grab	Turesi	234,595	648,884	Pegmatite	0.45
A2021377	TT01-304	Grab	Turesi	234,681	648,818	Pegmatite	0.34
A2021379	TT01-305	Grab	Turesi	234,625	648,780	Pegmatite	2.63
A2021380	TT01-306	Grab	Turesi	234,690	648,826	Pegmatite	0.10
A2021381	TT01-307	Grab	Turesi	234,695	648,830	Pegmatite	0.08
A2021382	TT01-308	Grab	Turesi	234,639	648,796	Pegmatite	2.20
A2021383	TT01-309	Grab	Turesi	234,636	648,788	Pegmatite	2.29
A2021384	TT01-310	Grab	Turesi	234,710	648,842	Pegmatite	1.13
A2021385	TT01-311	Grab	Turesi	234,725	648,836	Pegmatite	2.20
A2021386	TT01-312	Grab	Turesi	234,695	648,820	Pegmatite	0.10
A2021501	TS1	Grab	Turesi	234,807	648,758	Spodumene with lepidolite in vein	1.11
A2021502	TS2	Grab	Turesi	234,710	648,786	Spodumene with feldspar? in vein	0.17
A2021503	TS3	Grab	Turesi	234,585	648,888	Spodumene with quartz in vein	0.35
A2021504	TS4	Grab	Turesi	234,541	648,901	Spodumene	0.23
A2021505	TS5	Grab	Turesi	233,782	649,059	Mafic volcanic	0.01
A2021506	TS6	Grab	Turesi	233,770	649,048	Mafic volcanic	0.01
A2021507	TS8	Grab	Turesi	234,715	648,840	Spodumene	1.10
A2021508	TS9	Grab	Turesi	234,698	648,833	Spodumene	1.95
A2021509	TS10	Grab	Turesi	234,699	648,832	Spodumene	0.34
A2021511	TS11	Grab	Turesi	234,687	648,823	Spodumene	0.44
A2021512	TS12	Grab	Turesi	234,683	648,819	Spodumene	0.73
A2021513	TS13	Grab	Turesi	234,649	648,808	Spodumene	0.15
A2021514	TS14A	Grab	Turesi	234,248	648,899	Light gray clay	0.01
A2021515	TS14B	Grab	Turesi	234,242	648,910	Spodumene with quartz and lepidolite in vein	0.78
A2021516	TS15	Grab	Turesi	234,608	648,770	Spodumene with quartz and lepidolite in vein	1.76
A2021517	TS16	Grab	Turesi	234,606	648,766	Spodumene with quartz and lepidolite in vein	0.16
A2021518	TS17	Grab	Turesi	234,561	648,739	Spodumene	2.03
A2021519	TS18	Grab	Turesi	234,565	648,740	Spodumene, quartz and lepidolite	0.08
A2021521	TS19	Grab	Turesi	234,463	648,691	Spodumene with quartz in vein	0.78
A2021522	TS20	Grab	Turesi	234,465	648,687	Spodumene	0.77
A2021523	TS21	Grab	Turesi	234,463	648,700	Spodumene, lepidolite and albite	0.91
A2021524	TS22	Grab	Turesi	234,468	648,707	Albite	0.01
A2021525	TS23	Grab	Turesi	234,481	648,706	Spodumene	0.15
A2021526	TS24	Grab	Turesi	234,483	648,719	Spodumene with lepidolite in vein	1.23

Sample_Id	Field_Id	Type	Target	UTMeastings	UTMnorthings	Lithology_1	LiO2
A2021527	TS25	Grab	Turesi	234,494	648,713	Mafic volcanic	0.01
A2021528	TS26	Grab	Turesi	234,502	648,722	Spodumene	0.89
A2021529	TS29	Grab	Turesi	234,464	648,696	Spodumene	1.00
A2021531	TS28	Grab	Turesi	234,469	648,699	Spodumene	1.18
A2021532	TS30	Grab	Turesi	234,456	648,689	Spodumene with lepidolite, quartz and feldspa	1.79
A2021533	TS31	Grab	Turesi	234,479	648,701	Mafic volcanic	0.11
A2021534	TS32	Grab	Turesi	234,487	648,700	Spodumene	0.15
A2021535	TS33	Grab	Turesi	234,488	648,698	Albite with spodumene	0.05
A2021536	TS34	Grab	Turesi	234,492	648,702	Albite	0.01
A2021537	TS35	Grab	Turesi	234,494	648,707	Spodumene	0.07
A2021538	TS36	Grab	Turesi	234,495	648,712	Spodumene and quartz	0.05
A2021539	TS37	Grab	Turesi	234,501	648,712	Mafic volcanic	0.06
A2021541	TS38	Grab	Turesi	234,515	648,709	Mafic volcanic	0.57
A2021542	TS39	Grab	Turesi	234,516	648,716	Migmatite	1.09
A2021543	TS40	Grab	Turesi	234,787	648,757	Spodumene	0.03
A2021544	TS41	Grab	Turesi	234,550	648,738	Spodumene	0.04
A2021545	TS42	Grab	Turesi	234,535	648,734	Spodumene	0.81
A2021546	TS43A	Grab	Turesi	234,521	648,713	Spodumene with quartz vein	1.16
A2021547	TS43B	Grab	Turesi	234,513	648,719	Mafic volcanic	0.03
A2021548	TS44	Grab	Turesi	234,525	648,723	Albite	1.51
A2021549	TS45	Grab	Turesi	234,534	648,728	Migmatite with spodumene and lepidolite	0.04
A2021551	TS46	Grab	Turesi	234,535	648,731	Spodumene	0.10
A2021552	TS47	Grab	Turesi	234,535	648,728	Spodumene	1.94
A2021553	TS48	Grab	Turesi	234,529	648,734	Spodumene	1.22
A2021554	TS49	Grab	Turesi	234,518	648,739	Spodumene	0.78
A2021555	TS50	Grab	Turesi	234,508	648,724	Spodumene	1.59
A2021556	TS51	Grab	Turesi	234,510	648,727	Spodumene	0.77
A2021557	TS52	Grab	Turesi	234,506	648,734	Spodumene	0.31
A2021558	TS53	Grab	Turesi	234,481	648,722	Spodumene with lepidolite and quartz in vein	0.97
A2021559	TS54	Grab	Turesi	234,473	648,711	Spodumene	1.13
A2021561	TS55	Grab	Turesi	234,447	648,708	Spodumene	1.30
A2021562	TS56	Grab	Turesi	234,451	648,690	Spodumene with lepidolite and quartz in vein	2.11
A2021563	TS58	Grab	Turesi	234,250	648,941	Light gray clay	0.03
A2021564	TS59	Grab	Turesi	234,604	648,773	Spodumene	1.43
A2021565	TS60	Grab	Turesi	234,606	648,775	Spodumene	1.41
A2021566	TS61	Grab	Turesi	234,609	648,773	Spodumene with lepidolite and quartz in vein	0.81
A2021567	TS62	Grab	Turesi	234,609	648,772	Spodumene with lepidolite and quartz in vein	1.76
A2021568	TS63	Grab	Turesi	234,610	648,779	Spodumene with lepidolite and quartz in vein	1.43
A2021569	TT04-01	Grab	Turesi	234,539	648,891	Spodumene	0.44
A2021571	TT04-02	Grab	Turesi	234,553	648,893	Spodumene	0.60
A2021572	TT04-03	Grab	Turesi	234,550	648,890	Spodumene	1.16
A2021573	TT04-04	Grab	Turesi	234,549	648,897	Spodumene	0.63
A2021574	TT04-05	Grab	Turesi	234,565	648,896	Spodumene with lepidolite and quartz in vein	1.83
A2021575	TT04-06	Grab	Turesi	234,578	648,893	Spodumene	0.46
A2021576	TT04-07	Grab	Turesi	234,580	648,892	Spodumene	0.86
A2021577	TT04-08	Grab	Turesi	234,594	648,887	Spodumene	0.77
A2021578	TT04-09	Grab	Turesi	234,600	648,884	Spodumene with lepidolite and quartz in vein	0.81
A2021579	TT04-10	Grab	Turesi	234,600	648,883	Spodumene with lepidolite and quartz in vein	0.74
A2021581	TT04-11	Grab	Turesi	234,604	648,883	Spodumene	2.09
A2021582	TT04-12	Grab	Turesi	234,612	648,880	Spodumene with lepidolite and quartz in vein	1.37
A2021583	TT04-13	Grab	Turesi	234,620	648,879	Spodumene	0.99
A2021584	TT04-14	Grab	Turesi	234,635	648,871	Spodumene	1.78
A2021585	TT04-15	Grab	Turesi	234,641	648,865	Spodumene with lepidolite and quartz in vein	0.50
A2021586	TT04-16	Grab	Turesi	234,646	648,859	Spodumene	0.30
A2021587	TT04-17	Grab	Turesi	234,647	648,851	Spodumene	2.41
A2021588	TT04-18	Grab	Turesi	234,651	648,839	Spodumene	0.15
A2021589	TT04-19	Grab	Turesi	234,639	648,860	Spodumene	1.29
A2021591	TT04-20	Grab	Turesi	234,636	648,865	Spodumene	0.59
A2021592	TT04-21	Grab	Turesi	234,632	648,866	Spodumene	0.81
A2021593	TT04-22	Grab	Turesi	234,612	648,883	Spodumene	2.28
A2021594	TT04-23	Grab	Turesi	234,572	648,892	Spodumene with lepidolite and quartz in vein	1.69
A2021595	TT04-24	Grab	Turesi	234,563	648,889	Spodumene	2.12
A2021596	TT04-25	Grab	Turesi	234,557	648,888	Spodumene	0.72
A2021597	TT04-26	Grab	Turesi	234,551	648,888	Spodumene	0.46
A2021598	TT04-27	Grab	Turesi	234,552	648,900	Spodumene	1.05

Updates on remaining analyses will be reported as they are received.

**Greenpower Executive Chairman, Gerard King:**

*"Greenpower is pleased to report further confirmation that the Turesi Ridge area looks to be a significant Lithium project. Initial analytical results thus far appear to justify Greenpower's decision to pursue a green energy strategy which complements the current groundswell for EV leveraged minerals."*

**ENDS**

**For further information:**

Gerard King  
Chairman of the Board

**Competent Person Statement**

I, John Adrian Watts on 1 January 2018 confirm that:

- I have read and understood the requirements of the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves ("2012 JORC Code").
- I am a Competent Person as defined by the 2012 JORC Code, having more than five years' experience which is relevant to the style of mineralisation and type of deposit described in the Report, and to the activity for which I am accepting responsibility.
- I am a Fellow of *The Australasian Institute of Mining and Metallurgy* and a Fellow of the *IOMMM*.
- This statement fairly represents documentation prepared by myself on behalf of my employer, Australian Exploration Field Services Pty Ltd.
- I consent to the release of this document to the ASX.

# JORC Code, 2012 Edition – Table 1 report template

## Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>Excavator-cut Trenching to 3m depth. Channel sampling varying from 1m to 4m channel sample interval; grab sampling.</li> <li>In-trench hand held assaying scintillometer survey using a Radiations Solutions Inc. Super Spec RS125 scintillometer, Ser#2121</li> <li>Results logged on board the scintillometer, downloaded on completion of survey. Separate log of readings maintained. Location GPS readings recorded independently of scintillometer.</li> </ul>
Drilling techniques	<ul style="list-style-type: none"> <li>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).</li> </ul>	<ul style="list-style-type: none"> <li>Not applicable, no drilling undertaken to date</li> </ul>
Drill sample recovery	<ul style="list-style-type: none"> <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>	<ul style="list-style-type: none"> <li>Not applicable, no drilling undertaken to date</li> </ul>
Logging	<ul style="list-style-type: none"> <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</li> </ul>	<ul style="list-style-type: none"> <li>Not applicable, no drilling undertaken to date. Trenching channel sample intervals described. It is too early for a mineral resource estimation to be made</li> <li>All trenching descriptions are</li> </ul>

Criteria	JORC Code explanation	Commentary
	<p><i>nature. Core (or costean, channel, etc) photography.</i></p> <ul style="list-style-type: none"> <li><i>The total length and percentage of the relevant intersections logged.</i></li> </ul>	<p>qualitative at this stage. Samples being submitted to laboratory</p> <ul style="list-style-type: none"> <li>Turesi Trenching: TT17-01 – 393m; 118m of trench channel sampled TT17-02 – 296m; 36m of trench channel sampled TT17-03 – 144m. Trench not channel sampled</li> </ul>
<p><i>Sub-sampling techniques and sample preparation</i></p>	<ul style="list-style-type: none"> <li><i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></li> <li><i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i></li> <li><i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i></li> <li><i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i></li> <li><i>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</i></li> <li><i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></li> </ul>	<ul style="list-style-type: none"> <li>Sample duplicates collected in the field</li> <li>All samples and duplicate samples checked to ensure they are representative</li> <li>Large sample size to ensure appropriate grain size</li> <li>Reference Samples included in the field for Laboratory submissions</li> <li>Blank Samples included in the field for Laboratory submissions</li> </ul>
<p><i>Quality of assay data and laboratory tests</i></p>	<ul style="list-style-type: none"> <li><i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></li> <li><i>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i></li> <li><i>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</i></li> </ul>	<ul style="list-style-type: none"> <li>Li analysis by Sodium Peroxide Fusion, ICP-ES. REE Analysis by Lithium Metaborate Fusion, ICP-MS</li> <li>External laboratory checks via submission of duplicate samples</li> </ul>
<p><i>Verification of sampling and assaying</i></p>	<ul style="list-style-type: none"> <li><i>The verification of significant intersections by either independent or alternative company personnel.</i></li> <li><i>The use of twinned holes.</i></li> <li><i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></li> <li><i>Discuss any adjustment to assay data.</i></li> </ul>	<ul style="list-style-type: none"> <li>All samples currently being submitted to MS Analytical Vancouver BC. Check samples of pulps will be submitted from MS Analytical Georgetown to Nagrom Laboratories, Perth, WA</li> </ul>

Criteria	JORC Code explanation	Commentary
<i>Location of data points</i>	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>• Start end and intermediate points of trenches by GPS. UTM projection, Zone 21 North, PSAD56 Datum used. Topographic control by available topographic mapping, checked by GPS</li> </ul>
<i>Data spacing and distribution</i>	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>• Sample compositing on 3m lengths</li> <li>• Data acquisition to date is insufficient for Mineral Resource and Ore Reserve estimation at this preliminary exploration phase.</li> </ul>
<i>Orientation of data in relation to geological structure</i>	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>• Pegmatite orientation measured from outcrop in trench TT17-01. Further trenching required to verify orientation</li> </ul>
<i>Sample security</i>	<ul style="list-style-type: none"> <li>• The measures taken to ensure sample security.</li> </ul>	<ul style="list-style-type: none"> <li>• Samples are collected at the trench sites, moved to and stored securely at base camp. Samples are shipped to Georgetown by river transport, met by a GSM representative who takes them directly to MS Analytical's Georgetown Laboratory. MS Analytical's security protocols will then apply. Samples currently analysed by MS Analytical in Vancouver BC</li> </ul>
<i>Audits or reviews</i>	<ul style="list-style-type: none"> <li>• The results of any audits or reviews of sampling techniques and data.</li> </ul>	<ul style="list-style-type: none"> <li>• Too early to review. Samples include blanks, standards.</li> </ul>

## Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
<i>Mineral tenement and land tenure status</i>	<ul style="list-style-type: none"> <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,</li> </ul>	<ul style="list-style-type: none"> <li>• Reconnaissance Geophysical and Geological Survey, Morabisi Area, Mining District#3, Region 7 Guyana.</li> <li>• The tenement has an area of</li> </ul>

Criteria	JORC Code explanation	Commentary
	<p>wilderness or national park and environmental settings.</p> <ul style="list-style-type: none"> <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>	<p>950,810.1 acres</p> <ul style="list-style-type: none"> <li>Guyana Strategic Metals in Joint Venture with Greenpower Energy Ltd</li> <li>A two year exploration programme has been approved by Guyana Geology and Mining Commission</li> <li>There are no known impediments to obtaining a licence to operate in the area</li> </ul>
Exploration done by other parties	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul style="list-style-type: none"> <li>GGMC – Summary of Geochemistry, Geology and Structure, June 2002</li> </ul>
Geology	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<ul style="list-style-type: none"> <li>LCT type pegmatites associated with granite/basic contact zone</li> </ul>
Drill hole Information	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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>	<ul style="list-style-type: none"> <li>Not applicable – no previous drilling</li> </ul>
Data aggregation methods	<ul style="list-style-type: none"> <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>	<ul style="list-style-type: none"> <li>Previous Phase 1 exploration by the Joint Venturers GSM and Greenpower</li> </ul>

Criteria	JORC Code explanation	Commentary
<i>Relationship between mineralisation widths and intercept lengths</i>	<ul style="list-style-type: none"> <li>• <i>These relationships are particularly important in the reporting of Exploration Results.</i></li> <li>• <i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></li> <li>• <i>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').</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable – no previous drilling</li> </ul>
<i>Diagrams</i>	<ul style="list-style-type: none"> <li>• <i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable - no previous drilling</li> </ul>
<i>Balanced reporting</i>	<ul style="list-style-type: none"> <li>• <i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Currently not applicable – too early in the current exploration programme. All exploration results are being reported.</li> </ul>
<i>Other substantive exploration data</i>	<ul style="list-style-type: none"> <li>• <i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Phase 1 exploration has been previously reported</li> </ul>
<i>Further work</i>	<ul style="list-style-type: none"> <li>• <i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></li> <li>• <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Drilling contemplated as following step.</li> </ul>

### Section 3 Estimation and Reporting of Mineral Resources

(Criteria listed in section 1, and where relevant in section 2, also apply to this section.)

Criteria	JORC Code explanation	Commentary
<i>Database integrity</i>	<ul style="list-style-type: none"> <li>• <i>Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Currently not applicable</li> </ul>

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>• <i>Data validation procedures used.</i></li> </ul>	
Site visits	<ul style="list-style-type: none"> <li>• <i>Comment on any site visits undertaken by the Competent Person and the outcome of those visits.</i></li> <li>• <i>If no site visits have been undertaken indicate why this is the case.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Competent Person overflow the area 5 July 2017 Ground access at that time not possible because of late wet season flooding. Site inspection of Turesi made during a site visit, 23-27 September 2017</li> </ul>
Geological interpretation	<ul style="list-style-type: none"> <li>• <i>Confidence in (or conversely, the uncertainty of ) the geological interpretation of the mineral deposit.</i></li> <li>• <i>Nature of the data used and of any assumptions made.</i></li> <li>• <i>The effect, if any, of alternative interpretations on Mineral Resource estimation.</i></li> <li>• <i>The use of geology in guiding and controlling Mineral Resource estimation.</i></li> <li>• <i>The factors affecting continuity both of grade and geology.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Reasonable confidence in geological model</li> <li>• Historical data, GSM Greenpower JV data used for assumptions</li> <li>• No Mineral Resource estimations have been made due to the early stage of exploration</li> </ul>
Dimensions	<ul style="list-style-type: none"> <li>• <i>The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable.</li> </ul>
Estimation and modelling techniques	<ul style="list-style-type: none"> <li>• <i>The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.</i></li> <li>• <i>The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.</i></li> <li>• <i>The assumptions made regarding recovery of by-products.</i></li> <li>• <i>Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation).</i></li> <li>• <i>In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.</i></li> <li>• <i>Any assumptions behind modelling of selective mining units.</i></li> <li>• <i>Any assumptions about correlation between variables.</i></li> </ul>	<ul style="list-style-type: none"> <li>• None of the following in this section are applicable</li> </ul>

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>• <i>Description of how the geological interpretation was used to control the resource estimates.</i></li> <li>• <i>Discussion of basis for using or not using grade cutting or capping.</i></li> <li>• <i>The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.</i></li> </ul>	
Moisture	<ul style="list-style-type: none"> <li>• <i>Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>
Cut-off parameters	<ul style="list-style-type: none"> <li>• <i>The basis of the adopted cut-off grade(s) or quality parameters applied.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>
Mining factors or assumptions	<ul style="list-style-type: none"> <li>• <i>Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>
Metallurgical factors or assumptions	<ul style="list-style-type: none"> <li>• <i>The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>
Environmental factors or assumptions	<ul style="list-style-type: none"> <li>• <i>Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>

Criteria	JORC Code explanation	Commentary
<i>Bulk density</i>	<ul style="list-style-type: none"> <li>• <i>Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples.</i></li> <li>• <i>The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit.</i></li> <li>• <i>Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>
<i>Classification</i>	<ul style="list-style-type: none"> <li>• <i>The basis for the classification of the Mineral Resources into varying confidence categories.</i></li> <li>• <i>Whether appropriate account has been taken of all relevant factors (ie relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).</i></li> <li>• <i>Whether the result appropriately reflects the Competent Person's view of the deposit.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>
<i>Audits or reviews</i>	<ul style="list-style-type: none"> <li>• <i>The results of any audits or reviews of Mineral Resource estimates.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>
<i>Discussion of relative accuracy/ confidence</i>	<ul style="list-style-type: none"> <li>• <i>Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.</i></li> <li>• <i>The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.</i></li> <li>• <i>These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.</i></li> </ul>	<ul style="list-style-type: none"> <li>• None of the following in this section are applicable</li> </ul>

## Section 4 Estimation and Reporting of Ore Reserves

(Criteria listed in section 1, and where relevant in sections 2 and 3, also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral Resource estimate for conversion to Ore Reserves	<ul style="list-style-type: none"> <li>Description of the Mineral Resource estimate used as a basis for the conversion to an Ore Reserve.</li> <li>Clear statement as to whether the Mineral Resources are reported additional to, or inclusive of, the Ore Reserves.</li> </ul>	<ul style="list-style-type: none"> <li>Not applicable</li> </ul>
Site visits	<ul style="list-style-type: none"> <li>Comment on any site visits undertaken by the Competent Person and the outcome of those visits.</li> <li>If no site visits have been undertaken indicate why this is the case.</li> </ul>	<ul style="list-style-type: none"> <li>Competent Person overflew the area 5 July 2017 Ground access at that time not possible because of late wet season flooding. Competent Person visited Turesi Trenches, Banakarau Trenches, Robello Creek Old Mine, 23-27 September 2017</li> </ul>
Study status	<ul style="list-style-type: none"> <li>The type and level of study undertaken to enable Mineral Resources to be converted to Ore Reserves.</li> <li>The Code requires that a study to at least Pre-Feasibility Study level has been undertaken to convert Mineral Resources to Ore Reserves. Such studies will have been carried out and will have determined a mine plan that is technically achievable and economically viable, and that material Modifying Factors have been considered.</li> </ul>	<ul style="list-style-type: none"> <li>Not applicable</li> </ul>
Cut-off parameters	<ul style="list-style-type: none"> <li>The basis of the cut-off grade(s) or quality parameters applied.</li> </ul>	<ul style="list-style-type: none"> <li>Not applicable</li> </ul>
Mining factors or assumptions	<ul style="list-style-type: none"> <li>The method and assumptions used as reported in the Pre-Feasibility or Feasibility Study to convert the Mineral Resource to an Ore Reserve (i.e. either by application of appropriate factors by optimisation or by preliminary or detailed design).</li> <li>The choice, nature and appropriateness of the selected mining method(s) and other mining parameters including associated design issues such as pre-strip, access, etc.</li> <li>The assumptions made regarding geotechnical parameters (eg pit slopes, stope sizes, etc), grade control and pre-production drilling.</li> <li>The major assumptions made and Mineral Resource model used for pit and stope optimisation (if appropriate).</li> <li>The mining dilution factors used.</li> </ul>	<ul style="list-style-type: none"> <li>None of the following in this section are applicable</li> </ul>

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>• <i>The mining recovery factors used.</i></li> <li>• <i>Any minimum mining widths used.</i></li> <li>• <i>The manner in which Inferred Mineral Resources are utilised in mining studies and the sensitivity of the outcome to their inclusion.</i></li> <li>• <i>The infrastructure requirements of the selected mining methods.</i></li> </ul>	
<p><i>Metallurgical factors or assumptions</i></p>	<ul style="list-style-type: none"> <li>• <i>The metallurgical process proposed and the appropriateness of that process to the style of mineralisation.</i></li> <li>• <i>Whether the metallurgical process is well-tested technology or novel in nature.</i></li> <li>• <i>The nature, amount and representativeness of metallurgical test work undertaken, the nature of the metallurgical domaining applied and the corresponding metallurgical recovery factors applied.</i></li> <li>• <i>Any assumptions or allowances made for deleterious elements.</i></li> <li>• <i>The existence of any bulk sample or pilot scale test work and the degree to which such samples are considered representative of the orebody as a whole.</i></li> <li>• <i>For minerals that are defined by a specification, has the ore reserve estimation been based on the appropriate mineralogy to meet the specifications?</i></li> </ul>	<ul style="list-style-type: none"> <li>• None of the following in this section are applicable</li> </ul>
<p><i>Environmental</i></p>	<ul style="list-style-type: none"> <li>• <i>The status of studies of potential environmental impacts of the mining and processing operation. Details of waste rock characterisation and the consideration of potential sites, status of design options considered and, where applicable, the status of approvals for process residue storage and waste dumps should be reported.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>
<p><i>Infrastructure</i></p>	<ul style="list-style-type: none"> <li>• <i>The existence of appropriate infrastructure: availability of land for plant development, power, water, transportation (particularly for bulk commodities), labour, accommodation; or the ease with which the infrastructure can be provided, or accessed.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable. All infrastructure relates to preliminary exploration and is supplied by the GSM/ Greenpower Joint Venture</li> </ul>
<p><i>Costs</i></p>	<ul style="list-style-type: none"> <li>• <i>The derivation of, or assumptions made, regarding projected capital costs in the study.</i></li> <li>• <i>The methodology used to estimate operating costs.</i></li> <li>• <i>Allowances made for the content of deleterious elements.</i></li> <li>• <i>The source of exchange rates used in the study.</i></li> </ul>	<ul style="list-style-type: none"> <li>• None of the following in this section are applicable</li> </ul>

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>• <i>Derivation of transportation charges.</i></li> <li>• <i>The basis for forecasting or source of treatment and refining charges, penalties for failure to meet specification, etc.</i></li> <li>• <i>The allowances made for royalties payable, both Government and private.</i></li> </ul>	
Revenue factors	<ul style="list-style-type: none"> <li>• <i>The derivation of, or assumptions made regarding revenue factors including head grade, metal or commodity price(s) exchange rates, transportation and treatment charges, penalties, net smelter returns, etc.</i></li> <li>• <i>The derivation of assumptions made of metal or commodity price(s), for the principal metals, minerals and co-products.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>
Market assessment	<ul style="list-style-type: none"> <li>• <i>The demand, supply and stock situation for the particular commodity, consumption trends and factors likely to affect supply and demand into the future.</i></li> <li>• <i>A customer and competitor analysis along with the identification of likely market windows for the product.</i></li> <li>• <i>Price and volume forecasts and the basis for these forecasts.</i></li> <li>• <i>For industrial minerals the customer specification, testing and acceptance requirements prior to a supply contract.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>
Economic	<ul style="list-style-type: none"> <li>• <i>The inputs to the economic analysis to produce the net present value (NPV) in the study, the source and confidence of these economic inputs including estimated inflation, discount rate, etc.</i></li> <li>• <i>NPV ranges and sensitivity to variations in the significant assumptions and inputs.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>
Social	<ul style="list-style-type: none"> <li>• <i>The status of agreements with key stakeholders and matters leading to social licence to operate.</i></li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
Other	<ul style="list-style-type: none"> <li>• <i>To the extent relevant, the impact of the following on the project and/or on the estimation and classification of the Ore Reserves:</i></li> <li>• <i>Any identified material naturally occurring risks.</i></li> <li>• <i>The status of material legal agreements and marketing arrangements.</i></li> <li>• <i>The status of governmental agreements and approvals critical to the viability of the project, such as mineral tenement status, and government and statutory approvals. There must be reasonable grounds to expect that all necessary Government approvals will be received within the timeframes anticipated in the</i></li> </ul>	<ul style="list-style-type: none"> <li>• None of the following in this section are applicable</li> </ul>

Criteria	JORC Code explanation	Commentary
	<p><i>Pre-Feasibility or Feasibility study. Highlight and discuss the materiality of any unresolved matter that is dependent on a third party on which extraction of the reserve is contingent.</i></p>	
<p><i>Classification</i></p>	<ul style="list-style-type: none"> <li>• <i>The basis for the classification of the Ore Reserves into varying confidence categories.</i></li> <li>• <i>Whether the result appropriately reflects the Competent Person's view of the deposit.</i></li> <li>• <i>The proportion of Probable Ore Reserves that have been derived from Measured Mineral Resources (if any).</i></li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
<p><i>Audits or reviews</i></p>	<ul style="list-style-type: none"> <li>• <i>The results of any audits or reviews of Ore Reserve estimates.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable</li> </ul>
<p><i>Discussion of relative accuracy/ confidence</i></p>	<ul style="list-style-type: none"> <li>• <i>Where appropriate a statement of the relative accuracy and confidence level in the Ore Reserve estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the reserve within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors which could affect the relative accuracy and confidence of the estimate.</i></li> <li>• <i>The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.</i></li> <li>• <i>Accuracy and confidence discussions should extend to specific discussions of any applied Modifying Factors that may have a material impact on Ore Reserve viability, or for which there are remaining areas of uncertainty at the current study stage.</i></li> <li>• <i>It is recognised that this may not be possible or appropriate in all circumstances. These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.</i></li> </ul>	<ul style="list-style-type: none"> <li>• None of the following in this section are applicable</li> </ul>