High-Grade REEs Extend Beneath Soberbo Resource, Caldeira Project

Highlights

- Assay results from 277 aircore holes at the Soberbo Deposit continue to highlight remarkable REE mineralisation with MREO contents often well above the estimated project average of 24% in the Inferred Resource, including:
  - 18m @ 4902ppm TREO [0m], 28% MREO - SBBAC0020
  - 15m @ 5977ppm TREO [0m], 32% MREO - SBBAC0056
  - 28m @ 3300ppm TREO [0m], 27% MREO *including 16m @ 4276ppm TREO, 33% MREO* - SBBAC0075
  - 11.2m @ 4607ppm TREO [0m], 31% MREO - SBBAC0076
  - 18m @ 5192ppm TREO [6m], 29% MREO - SBBAC0084
  - 19m @ 5106ppm TREO [0m], 25% MREO *including 10m @ 8218ppm TREO, 30% MREO* - SBBAC0088
  - 22.4m @ 4025ppm TREO [0m], *25% MREO including 12m @ 5673ppm TREO 29% MREO* - SBBAC0124
  - 13.5m @ 5084ppm TREO [0m], 30% MREO *including 8m @ 7074ppm TREO, 32% MREO* - SBBAC0135
  - 24m @ 3365ppm TREO [0m], 25% MREO *including 12m @ 5149ppm TREO, 30% MREO* - SBBAC0139
  - 40.8m @ 2394ppm TREO [0m], 22% MREO *including 10m @ 5519ppm TREO, 30% MREO* - SBBAC0142
  - 17m @ 6686ppm TREO [0m], 31% MREO *including 13m @ 8306ppm TREO, 35% MREO* - SBBAC0153
  - 14m @ 4661ppm TREO [0m], 30% MREO *including 10m @ 5734ppm TREO, 33% MREO* - SBBAC0157
  - 21.4m @ 4896ppm TREO [0m], 27% MREO *including 18m @ 5586ppm TREO, 29% MREO* - SBBAC0161
  - 12m @ 6220ppm TREO [0m], 30% MREO - SBBAC0162
  - 26.1m @ 3700ppm TREO [0m], 24% MREO *including 10m @ 6084ppm TREO, 29% MREO* - SBBAC0189
  - 22m @ 3201ppm TREO [0m], 27% MREO *including 14m @ 4023ppm TREO, 30% MREO* - SBBAC0197
  - 18m @ 4389ppm TREO [0m], 30% MREO - SBBAC0206
  - 27m @ 3195ppm TREO [0m], 25% MREO *including 12m @ 4910ppm TREO, 31% MREO* - SBBAC0257
  - 14.4m @ 4489ppm TREO [0m], 28% MREO - SBBAC0262
  - 10m @ 7022ppm TREO [0m], 31% MREO - SBBAC0274

- Historic auger drilling at Soberbo averaged 9.3m in depth. New drilling depth averages 16.2m, extending mineralisation in the clays by more than 7m (77% increase) with significant positive implications for the upcoming new resource estimate.

Meteoric Resources NL (**Meteoric** or the **Company**) (ASX: **MEI**) is pleased to announce results from 277 aircore drill holes from the Soberbo Deposit, part of its 100%-owned Caldeira Rare Earth Ionic Clay Project, in the state of Minas Gerais, Brazil. These are the first results from Meteoric's owned and operated aircore drill rig.

Meteoric's Chairman, Dr Andrew Tunks said,

"*Another superb set of drilling results that highlight the incredibly high grades of our Ionic Clay Project. Equally important is the increased depth of the mineralisation, providing concrete evidence to our early theories that the orebody would continue well below the historic drilling and current resource model. As soon as all of these outstanding assays are received, we will commence a re-estimation of the Mineral Resource Estimate for the Soberbo Deposit which currently sits at 92 Mt @ 2,948 ppm TREO and along with the Capão do Mel Deposit forms a crucial part of our development strategy.*

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Soberbo In-Fill Drilling Program

In Ionic Clay Adsorbed REE mineralisation, the economic zone that can be leached with ammonium sulphate is confined to the clay zone of the regolith profile. Beneath the clay zone, in the partially weathered (transition) and basement syenite (fresh), a percentage of REE elements are likely related to primary mineralisation and consequently may not be a target for the Company. Consequently, aircore (**AC**) drilling was selected by the Company as the preferred drilling method with the benefits of a high-quality sample (suitable for resource estimation), a fast meterage rate and the potential to achieve >200m production per day. AC drilling is also extremely cost effective versus diamond drilling or sonic drilling and leaves a minimal footprint on the environment with its rubber tracks and extremely small track base.

AC drilling is a drilling method where a static drill bit is attached to a hollow drill stem, which is rotated and driven into the ground. As the drill bit cuts through the ground, the compressed air flows through the outer tube and forces the cuttings up through the inner tube, keeping them free of contamination from the encasing drill hole. It allows the drill hole to penetrate the entire clay zone/target zone (refer above), generally reaching 1-2m into the transition zone of the weathering profile which contains varying amounts of rock.

An infill aircore drilling program was designed at Soberbo to delineate the depth extent of the mineralised clays below the Maiden Inferred Resource, to infill the current 200m x 200m auger sampling at sufficient spacing to enable Measured and/or Indicated Resources to be estimated, and to subsequently use these Measured & Indicated Resources to support pending economic studies.

A total of 277 AC drill holes for 4,409.5m were completed in the Soberbo Deposit (**Figure 1**) from September to November 2023. Infill drilling was located on the western half of the deposit on a nominal 100m x 100m drill spacing, targeting several contiguous higher-grade portions of mineralisation that were defined in the historic JOGMEC auger drilling and subsequently in the 01 May 2023 Resource Estimate. A collar table for all drilling is presented as **Appendix 2** and a collar location plan is presented in **Figure 2**.

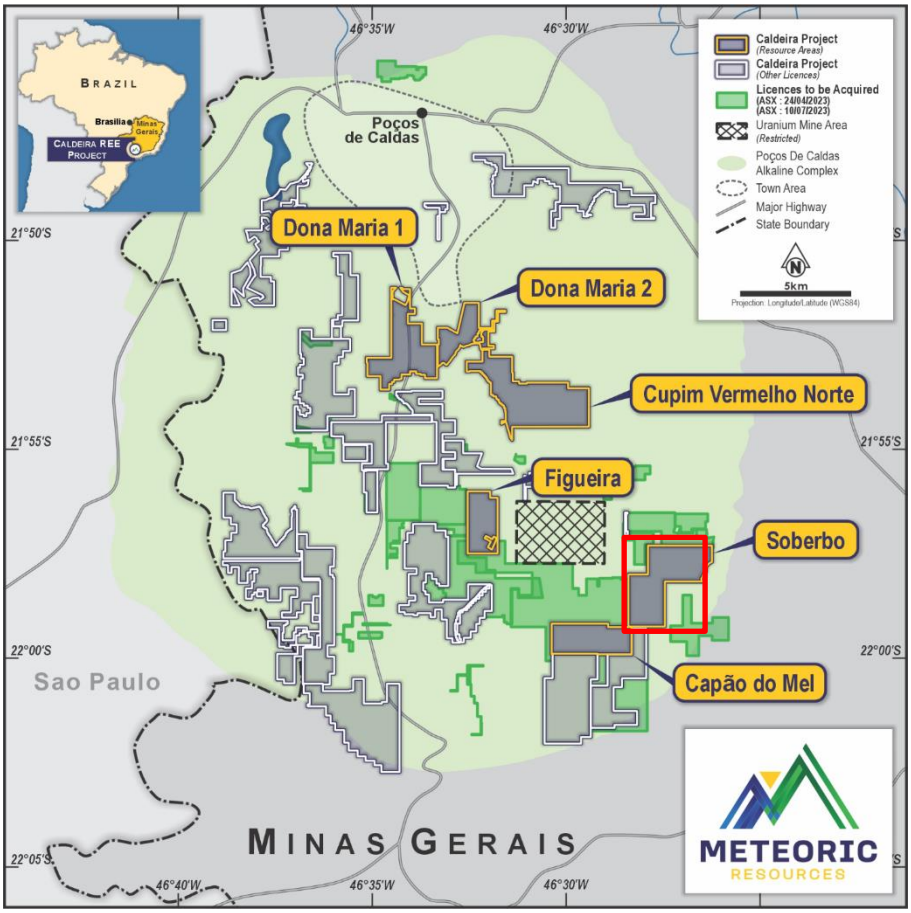

***Figure 1**. Location of the Soberbo Mining Licence within the Caldeira Project. (Red Box shows Location of Fig 2)*

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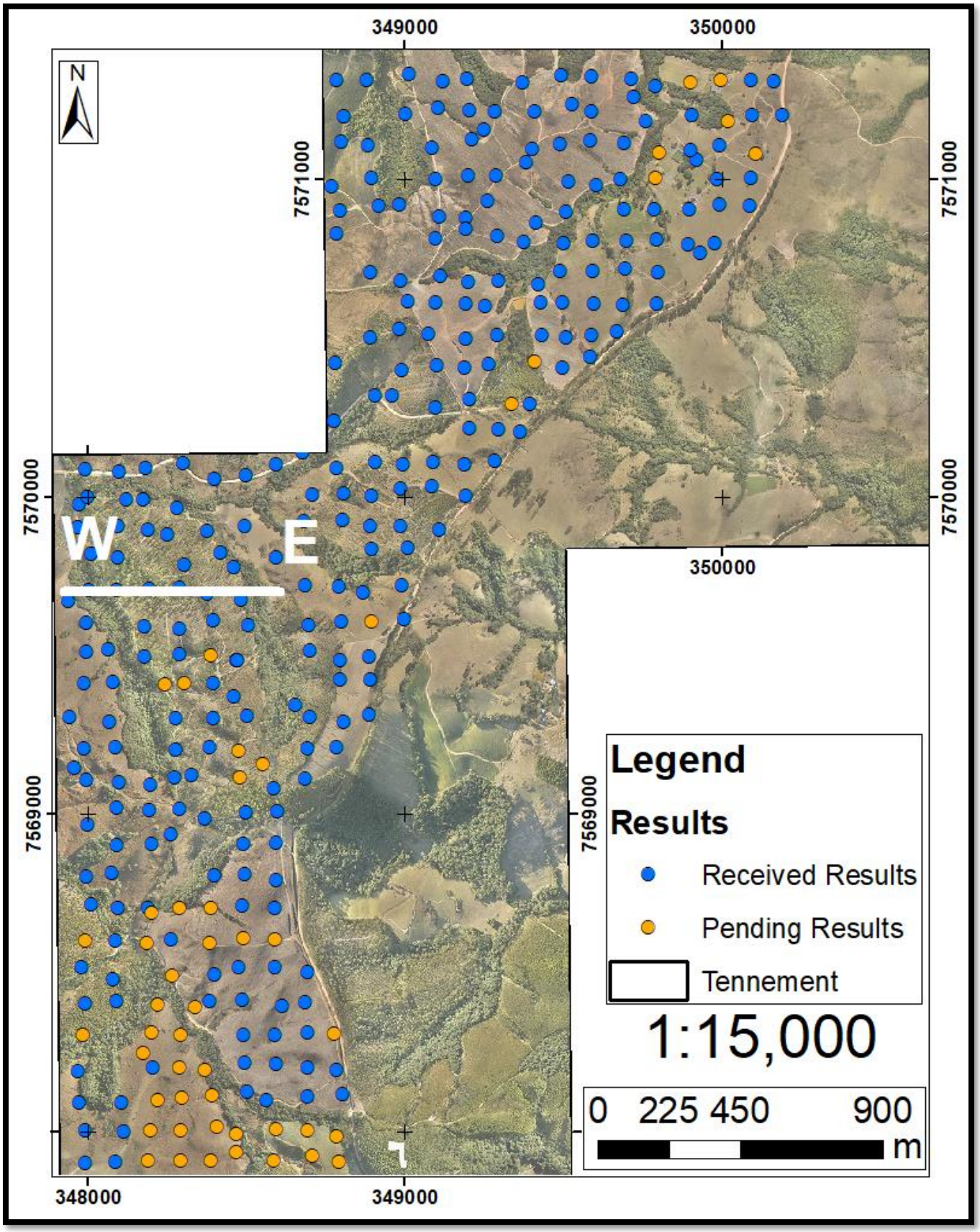

Figure 2. *Soberbo AC drill hole location plan.*

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Drilling Results

Rare Earth mineralisation at Soberbo occurs in a thick clay zone which has formed as a result of intense weathering of the underlying intrusive host rocks. Best results included:-

SBBAC0005 - 13m @ 3881ppm TREO [0m], 25% MREO
SBBAC0020 - 18m @ 4902ppm TREO [0m], 28% MREO
SBBAC0030 - 15m @ 4101ppm TREO [0m], 24% MREO
SBBAC0053 - 17.9m @ 3299ppm TREO [0m], 25% MREO
SBBAC0056 - 15m @ 5977ppm TREO [0m], 32% MREO
SBBAC0063 - 22m @ 3911ppm TREO [0m], 23% MREO
SBBAC0066 - 25.4m @ 3276ppm TREO [0m], 24% MREO *including 10m @ 5621ppm TREO, 28% MREO*
SBBAC0071 - 20m @ 2920ppm TREO [0m], 16% MREO
SBBAC0075 - 28m @ 3300ppm TREO [0m], 27% MREO *including 16m @ 4276ppm TREO, 33% MREO*
SBBAC0076 - 11.2m @ 4607ppm TREO [0m], 31% MREO
SBBAC0079 - 18.8m @ 3029ppm TREO [0m], 20% MREO
SBBAC0083 - 26.4m @ 3155ppm TREO [0m], 22% MREO *including 12m @ 4898ppm TREO, 26% MREO*
SBBAC0084 - 18m @ 5192ppm TREO [6m], 29% MREO
SBBAC0086 - 32m @ 3754ppm TREO [0m], 23% MREO *including 14m @ 6650ppm TREO, 29% MREO*
SBBAC0088 - 19m @ 5106ppm TREO [0m], 25% MREO *including 10m @ 8218ppm TREO, 30% MREO*
SBBAC0100 - 44m @ 2397ppm TREO [0m], 18% MREO
SBBAC0112 - 19.5m @ 3607ppm TREO [0m], 22% MREO *including 12m @ 4630ppm TREO, 26% MREO*
SBBAC0114 - 28m @ 3055ppm TREO [0m], 20% MREO
SBBAC0119 - 38m @ 2596ppm TREO [0m], 16% MREO *including 12m @ 4343ppm TREO, 22% MREO*
SBBAC0121 - 20m @ 2621ppm TREO [0m], 19% MREO
SBBAC0124 - 12m @ 5673ppm TREO [2m], 29% MREO *including 22.4m @ 4025ppm TREO, 25% MREO*
SBBAC0126 - 16m @ 3569ppm TREO [0m], 25% MREO
SBBAC0130 - 15.3m @ 3928ppm TREO [0m], 24% MREO
SBBAC0134 - 12m @ 4258ppm TREO [0m], 27% MREO
SBBAC0135 - 13.5m @ 5084ppm TREO [0m], 30% MREO *including 8m @ 7074ppm TREO, 32% MREO*
SBBAC0136 - 21m @ 2753ppm TREO [0m], 18% MREO
SBBAC0139 - 24m @ 3365ppm TREO [0m], 25% MREO *including 12m @ 5149ppm TREO, 30% MREO*
SBBAC0142 - 40.8m @ 2394ppm TREO [0m], 22% MREO *including 10m @ 5519ppm TREO, 30% MREO*
SBBAC0148 - 34.8m @ 2666ppm TREO [0m], 21% MREO *including 10.8m @ 5452ppm TREO, 31% MREO*
SBBAC0151 - 16m @ 3808ppm TREO [0m], 30% MREO
SBBAC0153 - 17m @ 6686ppm TREO [0m], 31% MREO *including 13m @ 8306ppm TREO, 35% MREO*
SBBAC0157 - 14m @ 4661ppm TREO [0m], 30% MREO *including 10m @ 5734ppm TREO, 33% MREO*
SBBAC0159 - 14m @ 3717ppm TREO [0m], 22% MREO
SBBAC0161 - 21.4m @ 4896ppm TREO [0m], 27% MREO *including 18m @ 5586ppm TREO, 29% MREO*
SBBAC0162 - 12m @ 6220ppm TREO [0m], 30% MREO
SBBAC0178 - 34m @ 3100ppm TREO [0m], 21% MREO *including 12m @ 5122ppm TREO, 26% MREO*
SBBAC0182 - 26.2m @ 2947ppm TREO [0m], 18% MREO *including 12m @ 4249ppm TREO, 19% MREO*
SBBAC0183 - 17m @ 3375ppm TREO [0m], 21% MREO
SBBAC0184 - 60.5m @ 2163ppm TREO [0m], 17% MREO
SBBAC0185 - 30m @ 2702ppm TREO [0m], 18% MREO *including 16m @ 3591ppm TREO, 20% MREO*
SBBAC0187 - 34m @ 2889ppm TREO [0m], 20% MREO *including 12m @ 4612ppm TREO, 25% MREO*
SBBAC0188 - 38m @ 2814ppm TREO [0m], 20% MREO *including* 14m @ 4816ppm TREO, 26% MREO
SBBAC0189 - 26.1m @ 3700ppm TREO [0m], 24% MREO *including 10m @ 6084ppm TREO, 29% MREO*
SBBAC0190 - 48.2m @ 2462ppm TREO [0m], 17% MREO *including 12m @ 4417ppm TREO, 25% MREO*

SBBAC0193 - 18m @ 3237ppm TREO [0m], 22% MREO

SBBAC0197 - 22m @ 3201ppm TREO [0m], 27% MREO *including 14m @ 4023ppm TREO, 30% MREO*

SBBAC0206 - 18m @ 4389ppm TREO [0m], 30% MREO

SBBAC0220 - 21.5m @ 3487ppm TREO [0m], 23% MREO *including 8m @ 6692ppm TREO, 28% MREO*

SBBAC0221 - 15.2m @ 3698ppm TREO [0m], 25% MREO

SBBAC0244 - 11m @ 4791ppm TREO [0m], 19% MREO

SBBAC0257 - 27m @ 3195ppm TREO [0m], 25% MREO *including 12m @ 4910ppm TREO, 31% MREO*

SBBAC0262 - 14.4m @ 4489ppm TREO [0m], 28% MREO

SBBAC0271 - 21.6m @ 3464ppm TREO [0m], 23% MREO *including 12m @ 4748ppm TREO, 26% MREO*

SBBAC0274 - 10m @ 7022ppm TREO [0m], 31% MREO

SBBAC0276 - 21.2m @ 3085ppm TREO [0m], 25% MREO

A full list of mineralised intercepts is presented in **Appendix 1**.

Clay Zone & REE Mineralisation Extends Below the Current Resource

Aircore drilling at the Soberbo Deposit intersected a varying and sometimes extremely deep clay profile. Holes ranged from 1m on/around outcropping/sub-cropping areas to >70m in several holes. A total of 98 holes (35%) were deeper than 20m, and 27 holes (10%) were deeper than 30m.

Table 1 below shows the average depths of clay observed in historic auger drilling versus the average depth of clay observed in the AC drilling at Soberbo. The depth of the Clay Zone was observed to increase by an average of 77% across the Deposit, at similar TREO grades and MREO percentages. This is highly encouraging for the upcoming Soberbo Resource Update in Q1 2024.

Table 1. *Observed depth of mineralised Clay Zone (AUGER v AC Drilling).*

Target	No. AUGER holes	Ave. Depth Clay in AUGER	No. AC holes	Ave. Depth Clay in AC	Increased Depth of Clay (m)	Increased Depth of Clay (%)
Soberbo	323	9.3	277	16.5	7.2	+ 77 %

Figures 3 & 4 below show a strong correlation of AC grades with the current Inferred Resource in the upper part of the clays (to a maximum of 20m depth), but also clearly show strong TREO grades (> 1000ppm) extending below the block model to the base of the clays (blade refusal in AC drilling), confirming an increase in the depth of clay and an increase in the depth of mineralisation below the current resource in areas.

Remaining assay results for the Soberbo Deposit from ALS (Belo Horizonte) are expected during December 2023 and will be reported once they have been received and interpreted.

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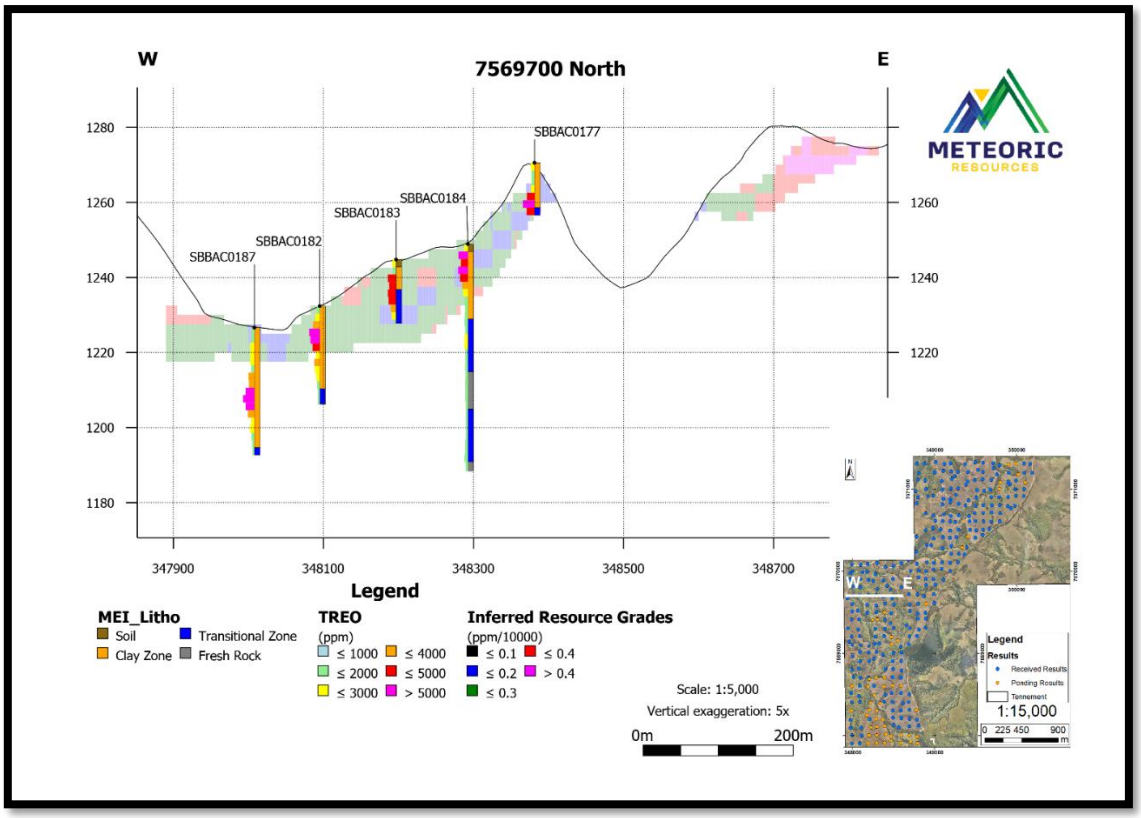

Figure 3. *Section 7 569 700 mN through Soberbo Deposit showing: current Inferred Resource block model, AC drill holes intersecting mineralised clays up to 40m below the current Inferred Resource (SBBAC0184).*

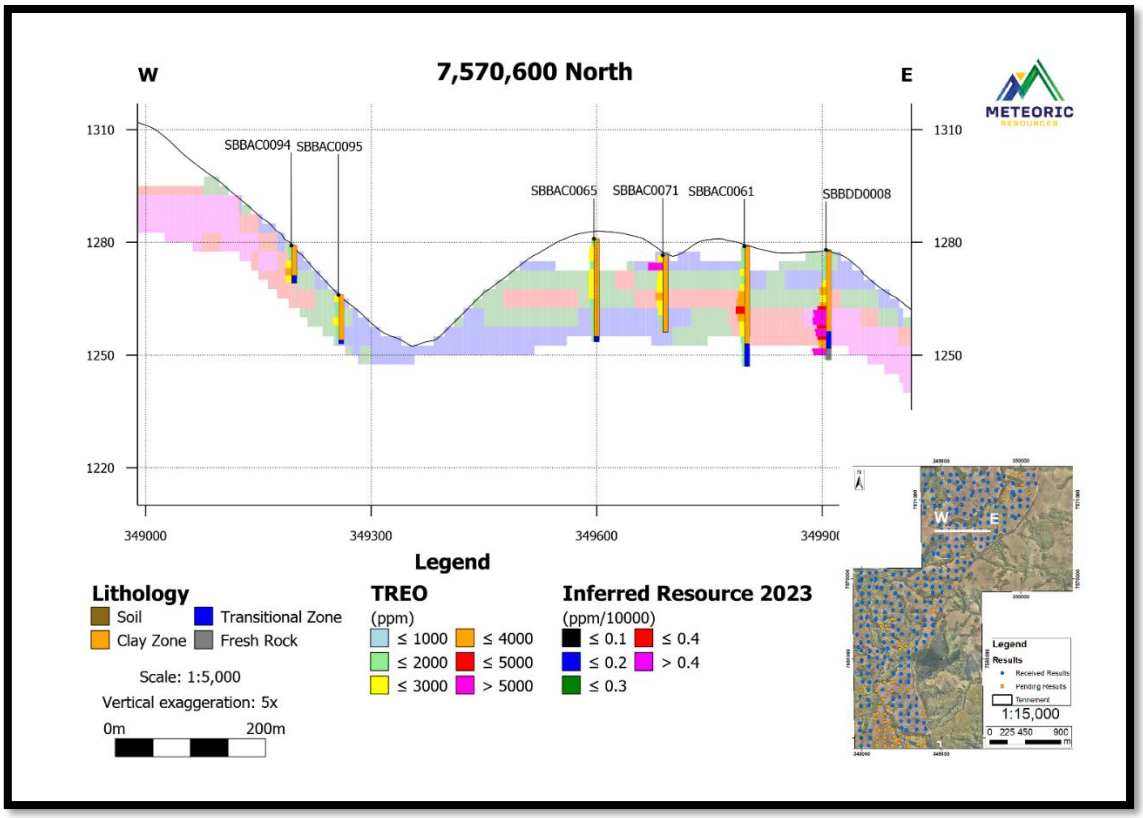

Figure 4. *Section 7 570 000 mN through Soberbo Deposit showing: current Inferred Resource Block Model, AC drill holes intersecting mineralised clays and confirming high grades in the current Inferred Resource (SBBAC0061).*

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Background Information on Ionic Clay REE Deposits

Geologically, the Caldeira REE Project is classified as an Ionic Adsorption Clay REE Deposit, which is characterised by the following key criteria:

Formed in the saprolite (clay) zone of the weathering profile

Majority of the REEs are **adsorbed** onto clay minerals and accumulated in the clay zone of the regolith profile

Adsorbed REE are ionically attached to the clay minerals and can be liberated by leaching in a weak solution of ammonium sulphate (or other metal salt) at near neutral pH

Ionic Adsorption Clay REE Deposits are typically found near the surface, often at depths of less than 10 metres

The U and Th levels in Ionic Clay REE Deposits are typically low, as these elements are less soluble in ground waters and are not preferentially adsorbed by clays during the weathering and leaching processes

Mineral Resource Statement – Caldeira Project (ASX:MEI 1/5/2023)

Table 2. *Caldeira REE Project 2023 Mineral Resource Estimate (JORC 2012) – by licence at 1,000ppm TREO cut-off*

Licence	JORC Category	Tonnes Mt	TREO ppm	Pr_6O_{11} ppm	Nd_2O_3 Ppm	Tb_4O_7 ppm	Dy_2O_3 ppm	MREO ppm	MREO/TREO %
Capão do Mel	Inferred	68	2,692	148	399	4	22	572	21.3%
Cupim Vermelho Norte	Inferred	104	2,485	152	472	5	26	655	26.4%
Dona Maria 1 & 2	Inferred	94	2,320	135	404	5	25	569	24.5%
Figueira	Inferred	50	2,811	135	377	5	26	542	19.3%
Soberbo	Inferred	92	2,948	190	537	6	27	759	25.8%
Total	**Inferred**	**409**	**2,626**	**154**	**447**	**5**	**25**	**631**	**24.0%**

TREO = $La_2O_3 + CeO_2 + Pr_6O_{11} + Nd_2O_3 + Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Lu_2O_3 + Y_2O_3$

This release has been approved by the Board of Meteoric Resources NL.

For further information, please contact:

Dr Andrew Tunks

Executive Chairman
Meteoric Resources NL
E ajtunks@meteoric.com.au
T +61 400 205 555

Ben Creagh

Investor and Media Relations
NWR Communications
E benc@nwrcommunications.com.au
T +61 417 464 233

The information in this announcement that relates to exploration results is based on information reviewed, collated and fairly represented by Dr Carvalho a Competent Person and a Member of the Australasian Institute of Mining and Metallurgy and is a non executive director Meteoric Resources NL. Dr. Carvalho has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity which has been undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Dr. Carvalho consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

The information in this release that relates to Mineral Resource Estimates was prepared by BNA Mining Solutions and released on the ASX platform on 1 May 2023. The Company confirms that it is not aware of any new information or data that materially affects the Mineral Resources in this publication. The Company confirms that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed. The Company confirms that the form and context in which the BNA Mining Solutions findings are presented have not been materially modified.

APPENDIX 1 – Mineralised Intercept table.

Target	Hole		From (m)	To (m)	Length (m)	TREO (ppm)	MREO (ppm)	MREO/TREO (%)
Soberbo	SBBAC0001		0.0	24.0	24.0	2,016	396	20%
Soberbo	SBBAC0001	incl.	2.0	6.0	4.0	3,885	996	26%
Soberbo	SBBAC0002		0.0	3.0	3.0	3,021	605	20%
Soberbo	SBBAC0002	incl.	0.0	2.0	2.0	3,155	688	22%
Soberbo	SBBAC0003		0.0	17.0	17.0	2,215	469	21%
Soberbo	SBBAC0003	incl.	0.0	4.0	4.0	3,904	984	25%
Soberbo	SBBAC0004		0.0	3.0	3.0	1,862	323	17%
Soberbo	SBBAC0005		0.0	13.0	13.0	3,881	988	25%
Soberbo	SBBAC0005	incl.	4.0	10.0	6.0	5,657	1,668	29%
Soberbo	SBBAC0006		0.0	5.5	5.5	2,852	705	25%
Soberbo	SBBAC0006	incl.	4.0	5.5	1.5	4,476	1,369	31%
Soberbo	SBBAC0007		0.0	5.0	5.0	1,926	402	21%
Soberbo	SBBAC0008		0.0	24.0	24.0	2,424	499	21%
Soberbo	SBBAC0008	incl.	6.0	14.0	8.0	3,963	956	24%
Soberbo	SBBAC0009		3.0	20.0	17.0	2,103	411	20%
Soberbo	SBBAC0009	incl.	8.0	12.0	4.0	3,205	837	26%
Soberbo	SBBAC0010		0.0	14.3	14.3	2,813	566	20%
Soberbo	SBBAC0010	incl.	8.0	14.3	6.3	2,731	781	29%
Soberbo	SBBAC0011		0.0	8.0	8.0	2,309	415	18%
Soberbo	SBBAC0011	incl.	4.0	6.0	2.0	2,903	660	23%
Soberbo	SBBAC0012		0.0	14.3	14.3	2,773	627	23%
Soberbo	SBBAC0012	incl.	6.0	10.0	4.0	4,373	1,392	32%
Soberbo	SBBAC0013		0.0	17.0	17.0	2,470	508	21%
Soberbo	SBBAC0013	incl.	6.0	12.0	6.0	3,459	977	28%
Soberbo	SBBAC0014		0.0	31.0	31.0	2,146	439	20%
Soberbo	SBBAC0014	incl.	12.0	14.0	2.0	6,154	1,606	26%
Soberbo	SBBAC0015		0.0	17.0	17.0	2,777	626	23%
Soberbo	SBBAC0015	incl.	8.0	12.0	4.0	2,980	857	29%
Soberbo	SBBAC0016		0.0	14.5	14.5	2,245	387	17%
Soberbo	SBBAC0016	incl.	10.0	14.5	4.5	1,448	425	29%
Soberbo	SBBAC0017		0.0	28.0	28.0	1,978	352	18%
Soberbo	SBBAC0017	incl.	14.0	16.0	2.0	3,245	896	28%
Soberbo	SBBAC0018		2.0	26.0	24.0	2,127	371	17%
Soberbo	SBBAC0018	incl.	16.0	20.0	4.0	3,629	1,043	29%
Soberbo	SBBAC0019		0.0	21.0	21.0	2,585	469	18%
Soberbo	SBBAC0019	incl.	18.0	21.0	3.0	5,470	1,932	35%
Soberbo	SBBAC0020		0.0	18.0	18.0	4,902	1,363	28%
Soberbo	SBBAC0020	incl.	0.0	14.0	14.0	5,778	1,679	29%
Soberbo	SBBAC0021		0.0	20.0	20.0	2,084	323	15%
Soberbo	SBBAC0021	incl.	0.0	4.0	4.0	4,511	1,257	28%
Soberbo	SBBAC0022		0.0	23.0	23.0	2,778	567	20%
Soberbo	SBBAC0022	incl.	12.0	23.0	11.0	3,922	1,163	30%
Soberbo	SBBAC0023		0.0	10.0	10.0	2,262	418	18%
Soberbo	SBBAC0024		0.0	10.5	10.5	1,838	282	15%
Soberbo	SBBAC0025		0.0	18.0	18.0	2,592	602	23%
Soberbo	SBBAC0025	incl.	4.0	10.0	6.0	3,583	959	27%
Soberbo	SBBAC0026		0.0	24.0	24.0	1,710	347	20%
Soberbo	SBBAC0026	incl.	0.0	4.0	4.0	3,292	789	24%
Soberbo	SBBAC0027		0.0	12.0	12.0	2,136	419	20%
Soberbo	SBBAC0027	incl.	0.0	4.0	4.0	3,761	870	23%
Soberbo	SBBAC0028		0.0	35.0	35.0	2,554	571	22%
Soberbo	SBBAC0028	incl.	10.0	18.0	8.0	3,506	911	26%

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Target	Hole		From (m)	To (m)	Length (m)	TREO (ppm)	MREO (ppm)	MREO/TREO (%)
Soberbo	SBBAC0029	No Sample Recovered						
Soberbo	SBBAC0030		0.0	15.0	15.0	4,101	971	24%
Soberbo	SBBAC0030	incl.	0.0	10.0	10.0	4,985	1,396	28%
Soberbo	SBBAC0031		0.0	5.5	5.5	3,267	841	26%
Soberbo	SBBAC0031	incl.	2.0	5.5	3.5	4,068	1,104	27%
Soberbo	SBBAC0032		0.0	18.8	18.8	2,177	465	21%
Soberbo	SBBAC0032	incl.	2.0	8.0	6.0	3,470	973	28%
Soberbo	SBBAC0033		0.0	1.0	1.0	2,176	509	23%
Soberbo	SBBAC0034		0.0	9.0	9.0	3,720	988	27%
Soberbo	SBBAC0034	incl.	0.0	4.0	4.0	5,343	1,539	29%
Soberbo	SBBAC0035		0.0	26.8	26.8	2,394	470	20%
Soberbo	SBBAC0035	incl.	10.0	18.0	8.0	3,838	815	21%
Soberbo	SBBAC0036		0.0	5.0	5.0	2,513	485	19%
Soberbo	SBBAC0036	incl.	2.0	4.0	2.0	3,161	796	25%
Soberbo	SBBAC0037		0.0	8.0	8.0	2,019	451	22%
Soberbo	SBBAC0038		0.0	5.0	5.0	3,460	868	25%
Soberbo	SBBAC0038	incl.	2.0	5.0	3.0	4,214	1,192	28%
Soberbo	SBBAC0039		0.0	12.2	12.2	3,088	772	25%
Soberbo	SBBAC0039	incl.	4.0	10.0	6.0	3,677	1,065	29%
Soberbo	SBBAC0040		0.0	30.0	30.0	2,777	621	22%
Soberbo	SBBAC0040	incl.	10.0	20.0	10.0	4,038	1,176	29%
Soberbo	SBBAC0041		0.0	2.0	2.0	1,595	328	21%
Soberbo	SBBAC0042		0.0	12.5	12.5	2,236	458	20%
Soberbo	SBBAC0042	incl.	6.0	8.0	2.0	2,486	547	22%
Soberbo	SBBAC0043		0.0	14.2	14.2	1,563	330	21%
Soberbo	SBBAC0044		0.0	12.0	12.0	2,323	492	21%
Soberbo	SBBAC0044	incl.	0.0	4.0	4.0	3,468	889	26%
Soberbo	SBBAC0045		0.0	11.0	11.0	2,249	444	20%
Soberbo	SBBAC0045	incl.	2.0	4.0	2.0	3,675	982	27%
Soberbo	SBBAC0046		0.0	21.0	21.0	2,950	745	25%
Soberbo	SBBAC0046	incl.	4.0	16.0	12.0	3,808	1,068	28%
Soberbo	SBBAC0047		0.0	9.2	9.2	4,035	1,099	27%
Soberbo	SBBAC0047	incl.	0.0	4.0	4.0	6,519	2,040	31%
Soberbo	SBBAC0048		0.0	8.0	8.0	3,230	909	28%
Soberbo	SBBAC0048	incl.	2.0	4.0	2.0	5,193	1,670	32%
Soberbo	SBBAC0049		0.0	18.0	18.0	2,274	543	24%
Soberbo	SBBAC0049	incl.	6.0	12.0	6.0	3,901	1,211	31%
Soberbo	SBBAC0050		0.0	4.0	4.0	1,789	304	17%
Soberbo	SBBAC0051		0.0	14.8	14.8	1,929	432	22%
Soberbo	SBBAC0052		0.0	13.0	13.0	3,316	872	26%
Soberbo	SBBAC0052	incl.	2.0	8.0	6.0	4,439	1,231	28%
Soberbo	SBBAC0053		0.0	17.9	17.9	3,299	816	25%
Soberbo	SBBAC0053	incl.	2.0	10.0	8.0	4,895	1,430	29%
Soberbo	SBBAC0054		0.0	10.4	10.4	1,870	409	22%
Soberbo	SBBAC0054	incl.	0.0	2.0	2.0	3,424	966	28%
Soberbo	SBBAC0055		0.0	26.0	26.0	2,331	542	23%
Soberbo	SBBAC0055	incl.	24.0	26.0	2.0	5,671	1,576	28%
Soberbo	SBBAC0056		0.0	15.0	15.0	5,977	1,903	32%
Soberbo	SBBAC0056	incl.	0.0	14.0	14.0	6,271	2,014	32%
Soberbo	SBBAC0057		0.0	22.0	22.0	2,747	666	24%
Soberbo	SBBAC0057	incl.	0.0	10.0	10.0	3,849	1,061	28%
Soberbo	SBBAC0058		0.0	5.2	5.2	5,767	1,754	30%
Soberbo	SBBAC0059		0.0	9.8	9.8	2,906	768	26%
Soberbo	SBBAC0059	incl.	4.0	8.0	4.0	3,943	1,110	28%

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Target	Hole		From (m)	To (m)	Length (m)	TREO (ppm)	MREO (ppm)	MREO/TREO (%)
Soberbo	SBBAC0060		0.0	20.0	20.0	2,294	510	22%
Soberbo	SBBAC0060	incl.	2.0	8.0	6.0	3,522	945	27%
Soberbo	SBBAC0061		0.0	32.0	32.0	2,246	480	21%
Soberbo	SBBAC0061	incl.	12.0	20.0	8.0	3,607	918	25%
Soberbo	SBBAC0062		0.0	21.5	21.5	1,977	334	17%
Soberbo	SBBAC0063		0.0	22.0	22.0	3,911	905	23%
Soberbo	SBBAC0063	incl.	6.0	12.0	6.0	5,282	1,665	32%
Soberbo	SBBAC0063	with	20.0	22.0	2.0	10,659	2,641	25%
Soberbo	SBBAC0064		0.0	28.0	28.0	2,521	556	22%
Soberbo	SBBAC0064	incl.	4.0	16.0	12.0	3,681	955	26%
Soberbo	SBBAC0065		0.0	27.4	27.4	1,891	371	20%
Soberbo	SBBAC0066		0.0	25.4	25.4	3,276	785	24%
Soberbo	SBBAC0066	incl.	4.0	14.0	10.0	5,621	1,565	28%
Soberbo	SBBAC0067		0.0	11.2	11.2	2,596	617	24%
Soberbo	SBBAC0067	incl.	6.0	11.2	5.2	4,189	1,232	29%
Soberbo	SBBAC0068		0.0	10.0	10.0	1,324	154	12%
Soberbo	SBBAC0069		0.0	13.5	13.5	2,928	630	22%
Soberbo	SBBAC0069	incl.	6.0	8.0	2.0	7,827	2,156	28%
Soberbo	SBBAC0070		0.0	16.0	16.0	1,765	330	19%
Soberbo	SBBAC0071		0.0	20.0	20.0	2,920	473	16%
Soberbo	SBBAC0071	incl.	2.0	4.0	2.0	7,246	182	3%
Soberbo	SBBAC0072		0.0	18.0	18.0	2,360	468	20%
Soberbo	SBBAC0072	incl.	6.0	10.0	4.0	3,803	1,033	27%
Soberbo	SBBAC0073		0.0	26.0	26.0	2,054	411	20%
Soberbo	SBBAC0073	incl.	10.0	14.0	4.0	3,321	910	27%
Soberbo	SBBAC0074		0.0	16.0	16.0	2,137	411	19%
Soberbo	SBBAC0074	incl.	4.0	8.0	4.0	3,723	847	23%
Soberbo	SBBAC0075		0.0	28.0	28.0	3,300	882	27%
Soberbo	SBBAC0075	incl.	10.0	26.0	16.0	4,276	1,414	33%
Soberbo	SBBAC0076		0.0	11.2	11.2	4,607	1,419	31%
Soberbo	SBBAC0076	incl.	4.0	11.2	7.2	5,802	1,829	32%
Soberbo	SBBAC0077		0.0	20.0	20.0	1,974	388	20%
Soberbo	SBBAC0077	incl.	6.0	8.0	2.0	3,066	617	20%
Soberbo	SBBAC0078		0.0	16.0	16.0	2,465	536	22%
Soberbo	SBBAC0078	incl.	8.0	10.0	2.0	5,077	1,486	29%
Soberbo	SBBAC0079		0.0	18.8	18.8	3,029	615	20%
Soberbo	SBBAC0079	incl.	4.0	14.0	10.0	3,654	786	22%
Soberbo	SBBAC0080		0.0	2.0	2.0	1,267	177	14%
Soberbo	SBBAC0081		0.0	18.1	18.1	2,853	599	21%
Soberbo	SBBAC0081	incl.	4.0	10.0	6.0	5,331	1,548	29%
Soberbo	SBBAC0082		0.0	24.0	24.0	2,091	417	20%
Soberbo	SBBAC0082	incl.	6.0	10.0	4.0	3,573	934	26%
Soberbo	SBBAC0083		0.0	26.4	26.4	3,155	705	22%
Soberbo	SBBAC0083	incl.	6.0	18.0	12.0	4,898	1,285	26%
Soberbo	SBBAC0084		6.0	24.0	18.0	5,192	1,531	29%
Soberbo	SBBAC0084	incl.	8.0	22.0	14.0	6,233	1,967	32%
Soberbo	SBBAC0085		0.0	10.0	10.0	3,243	720	22%
Soberbo	SBBAC0085	incl.	4.0	8.0	4.0	4,911	1,472	30%
Soberbo	SBBAC0086		0.0	32.0	32.0	3,754	845	23%
Soberbo	SBBAC0086	incl.	18.0	32.0	14.0	6,650	1,896	29%
Soberbo	SBBAC0087		0.0	21.6	21.6	1,867	450	24%
Soberbo	SBBAC0087	incl.	0.0	2.0	2.0	2,340	647	28%
Soberbo	SBBAC0088		0.0	19.0	19.0	5,106	1,301	25%
Soberbo	SBBAC0088	incl.	2.0	12.0	10.0	8,218	2,469	30%

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Target	Hole		From (m)	To (m)	Length (m)	TREO (ppm)	MREO (ppm)	MREO/TREO (%)
Soberbo	SBBAC0089		0.0	22.5	22.5	2,728	433	16%
Soberbo	SBBAC0089	incl.	16.0	22.5	6.5	5,057	1,444	29%
Soberbo	SBBAC0090		0.0	2.0	2.0	2,518	668	27%
Soberbo	SBBAC0091		0.0	8.3	8.3	2,979	771	26%
Soberbo	SBBAC0091	incl.	6.0	8.3	2.3	5,665	1,872	33%
Soberbo	SBBAC0092		0.0	20.0	20.0	2,156	487	23%
Soberbo	SBBAC0092	incl.	4.0	8.0	4.0	3,323	882	27%
Soberbo	SBBAC0093		0.0	11.4	11.4	3,080	728	24%
Soberbo	SBBAC0093	incl.	4.0	10.0	6.0	4,260	1,173	28%
Soberbo	SBBAC0094		0.0	10.0	10.0	2,398	259	11%
Soberbo	SBBAC0094	incl.	6.0	8.0	2.0	3,105	416	13%
Soberbo	SBBAC0095		0.0	12.0	12.0	2,354	636	27%
Soberbo	SBBAC0096		0.0	3.6	3.6	2,397	553	23%
Soberbo	SBBAC0097		0.0	12.2	12.2	4,011	1,057	26%
Soberbo	SBBAC0097	incl.	0.0	8.0	8.0	5,224	1,530	29%
Soberbo	SBBAC0098		0.0	3.6	3.6	2,012	452	22%
Soberbo	SBBAC0099		0.0	42.0	42.0	1,946	348	18%
Soberbo	SBBAC0099	incl.	8.0	12.0	4.0	3,421	889	26%
Soberbo	SBBAC0100		0.0	44.0	44.0	2,397	426	18%
Soberbo	SBBAC0100	incl.	14.0	24.0	10.0	3,659	916	25%
Soberbo	SBBAC0101		0.0	24.0	24.0	2,087	343	16%
Soberbo	SBBAC0101	incl.	10.0	14.0	6.0	3,940	979	25%
Soberbo	SBBAC0102		0.0	18.0	18.0	2,852	642	23%
Soberbo	SBBAC0102	incl.	4.0	16.0	12.0	3,257	784	24%
Soberbo	SBBAC0103		0.0	24.0	24.0	2,103	450	21%
Soberbo	SBBAC0103	incl.	6.0	16.0	10.0	4,277	1,038	24%
Soberbo	SBBAC0104		0.0	20.0	20.0	2,975	547	18%
Soberbo	SBBAC0104	incl.	4.0	16.0	12.0	3,531	779	22%
Soberbo	SBBAC0105		0.0	21.5	21.5	2,768	514	19%
Soberbo	SBBAC0105	incl.	2.0	8.0	6.0	3,636	764	21%
Soberbo	SBBAC0106		0.0	70.0	70.0	1,681	267	16%
Soberbo	SBBAC0106	incl.	4.0	12.0	8.0	4,442	1,004	23%
Soberbo	SBBAC0107		0.0	22.0	22.0	1,624	277	17%
Soberbo	SBBAC0108		0.0	26.0	26.0	1,353	246	18%
Soberbo	SBBAC0109		0.0	14.2	14.2	1,979	403	20%
Soberbo	SBBAC0109	incl.	0.0	2.0	2.0	4,016	1,043	26%
Soberbo	SBBAC0110		0.0	2.0	2.0	2,307	547	24%
Soberbo	SBBAC0111		0.0	32.0	32.0	2,596	524	20%
Soberbo	SBBAC0111	incl.	2.0	10.0	8.0	5,150	1,478	29%
Soberbo	SBBAC0112		0.0	19.5	19.5	3,607	784	22%
Soberbo	SBBAC0112	incl.	2.0	14.0	12.0	4,630	1,206	26%
Soberbo	SBBAC0113		0.0	33.4	33.4	2,263	410	18%
Soberbo	SBBAC0113	incl.	8.0	17.0	9.0	3,181	687	22%
Soberbo	SBBAC0114		0.0	28.0	28.0	3,055	619	20%
Soberbo	SBBAC0114	incl.	2.0	8.0	6.0	6,344	2,365	37%
Soberbo	SBBAC0115		0.0	28.0	28.0	2,111	457	22%
Soberbo	SBBAC0115	incl.	2.0	8.0	6.0	4,293	1,289	30%
Soberbo	SBBAC0116		0.0	38.2	38.2	2,218	473	21%
Soberbo	SBBAC0116	incl.	0.0	14.0	10.0	4,879	1,294	27%
Soberbo	SBBAC0117		0.0	22.0	22.0	2,763	595	22%
Soberbo	SBBAC0117	incl.	2.0	14.0	6.0	5,874	1,627	28%
Soberbo	SBBAC0118		0.0	24.0	24.0	1,562	261	17%
Soberbo	SBBAC0118	incl.	0.0	14.0	2.0	3,015	701	23%
Soberbo	SBBAC0119		0.0	38.0	38.0	2,596	428	16%

Target	Hole		From (m)	To (m)	Length (m)	TREO (ppm)	MREO (ppm)	MREO/TREO (%)
Soberbo	SBBAC0119	incl.	2.0	14.0	12.0	4,343	961	22%
Soberbo	SBBAC0120		0.0	20.2	20.2	1,605	317	20%
Soberbo	SBBAC0121		0.0	20.0	20.0	2,621	508	19%
Soberbo	SBBAC0121	incl.	2.0	8.0	6.0	4,000	1,039	26%
Soberbo	SBBAC0122		0.0	11.4	11.4	2,298	472	21%
Soberbo	SBBAC0123		4.0	12.1	8.1	1,344	63	5%
Soberbo	SBBAC0124		0.0	22.4	22.4	4,025	1,016	25%
Soberbo	SBBAC0124	incl.	2.0	14.0	12.0	5,673	1,665	29%
Soberbo	SBBAC0125		0.0	8.0	8.0	2,378	491	21%
Soberbo	SBBAC0125	incl.	6.0	8.0	2.0	3,262	917	28%
Soberbo	SBBAC0126		0.0	16.0	16.0	3,569	877	25%
Soberbo	SBBAC0126	incl.	4.0	12.0	8.0	5,146	1,418	28%
Soberbo	SBBAC0127		0.0	12.0	12.0	1,506	317	21%
Soberbo	SBBAC0128		0.0	1.0	1.0	1,778	335	19%
Soberbo	SBBAC0129		0.0	3.4	3.4	1,986	409	21%
Soberbo	SBBAC0130		0.0	15.3	15.3	3,928	928	24%
Soberbo	SBBAC0130	incl.	2.0	12.0	10.0	4,930	1,396	28%
Soberbo	SBBAC0131		0.0	6.4	6.4	3,371	1,027	30%
Soberbo	SBBAC0131	incl.	0.0	4.0	4.0	3,649	1,779	49%
Soberbo	SBBAC0132		0.0	20.4	20.4	1,713	343	20%
Soberbo	SBBAC0133		0.0	12.0	12.0	3,215	796	25%
Soberbo	SBBAC0133	incl.	4.0	12.0	8.0	4,059	1,286	32%
Soberbo	SBBAC0134		0.0	12.0	12.0	4,258	1,145	27%
Soberbo	SBBAC0134	incl.	4.0	12.0	8.0	5,531	1,867	34%
Soberbo	SBBAC0135		0.0	13.5	13.5	5,084	1,503	30%
Soberbo	SBBAC0135	incl.	0.0	8.0	8.0	7,074	2,283	32%
Soberbo	SBBAC0135	with	4.0	6.0	2.0	10,520	3,565	34%
Soberbo	SBBAC0136		0.0	21.0	21.0	2,753	501	18%
Soberbo	SBBAC0136	incl.	16.0	21.0	5.0	3,934	860	22%
Soberbo	SBBAC0137		0.0	14.5	14.5	2,173	203	9%
Soberbo	SBBAC0137	incl.	0.0	2.0	2.0	5,779	1,971	34%
Soberbo	SBBAC0138		0.0	23.0	23.0	2,762	568	21%
Soberbo	SBBAC0138	incl.	12.0	16.0	4.0	5,979	1,926	32%
Soberbo	SBBAC0139		0.0	24.0	24.0	3,365	842	25%
Soberbo	SBBAC0139	incl.	0.0	12.0	12.0	5,149	1,551	30%
Soberbo	SBBAC0140		0.0	4.5	4.5	6,695	2,071	31%
Soberbo	SBBAC0141		0.0	31.0	31.0	2,567	517	20%
Soberbo	SBBAC0141	incl.	20.0	31.0	11.0	3,841	1,125	29%
Soberbo	SBBAC0142		0.0	40.8	40.8	2,394	525	22%
Soberbo	SBBAC0142	incl.	2.0	12.0	10.0	5,519	1,633	30%
Soberbo	SBBAC0143		0.0	15.0	15.0	2,262	524	23%
Soberbo	SBBAC0143	incl.	6.0	8.0	2.0	3,387	969	29%
Soberbo	SBBAC0144		0.0	9.0	9.0	1,781	297	17%
Soberbo	SBBAC0145		0.0	10.0	10.0	3,329	873	26%
Soberbo	SBBAC0145	incl.	4.0	10.0	6.0	3,879	1,148	30%
Soberbo	SBBAC0146		0.0	11.0	11.0	1,993	328	16%
Soberbo	SBBAC0146	incl.	8.0	10.0	2.0	3,061	826	27%
Soberbo	SBBAC0147		0.0	3.0	3.0	1,941	414	21%
Soberbo	SBBAC0148		0.0	34.8	34.8	2,666	555	21%
Soberbo	SBBAC0148	incl.	24.0	34.8	10.8	5,452	1,676	31%
Soberbo	SBBAC0149		0.0	15.5	15.5	2,718	531	20%
Soberbo	SBBAC0149	incl.	12.0	15.5	3.5	5,192	1,752	34%
Soberbo	SBBAC0150		0.0	13.0	13.0	3,175	863	27%
Soberbo	SBBAC0150	incl.	8.0	13.0	5.0	4,054	1,198	30%

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Target	Hole		From (m)	To (m)	Length (m)	TREO (ppm)	MREO (ppm)	MREO/TREO (%)
Soberbo	SBBAC0151		0.0	16.0	16.0	3,808	1,137	30%
Soberbo	SBBAC0151	incl.	6.0	16.0	10.0	4,352	1,394	32%
Soberbo	SBBAC0152		0.0	6.4	6.4	3,020	787	26%
Soberbo	SBBAC0152	incl.	2.0	6.4	4.4	3,309	1,008	30%
Soberbo	SBBAC0153		0.0	17.0	17.0	6,686	2,083	31%
Soberbo	SBBAC0153	incl.	4.0	17.0	13.0	8,306	2,912	35%
Soberbo	SBBAC0153	with	6.0	8.0	2.0	13,582	5,652	42%
Soberbo	SBBAC0154		0.0	20.5	20.5	2,268	450	20%
Soberbo	SBBAC0154	incl.	8.0	14.0	6.0	3,674	993	27%
Soberbo	SBBAC0155		0.0	8.6	8.6	6,455	1,873	29%
Soberbo	SBBAC0155	incl.	2.0	8.0	6.0	8,146	2,551	31%
Soberbo	SBBAC0155	with	4.0	6.0	2.0	12,659	4,255	34%
Soberbo	SBBAC0156		0.0	3.2	3.2	1,719	190	11%
Soberbo	SBBAC0157		0.0	14.0	14.0	4,661	1,404	30%
Soberbo	SBBAC0157	incl.	2.0	12.0	10.0	5,734	1,910	33%
Soberbo	SBBAC0157	with	4.0	6.0	2.0	12,631	4,921	39%
Soberbo	SBBAC0158		0.0	9.2	9.2	5,268	1,292	25%
Soberbo	SBBAC0159		0.0	14.0	14.0	3,717	832	22%
Soberbo	SBBAC0160		2.0	15.3	13.3	3,606	907	25%
Soberbo	SBBAC0160	incl.	6.0	15.3	9.3	4,261	1,164	27%
Soberbo	SBBAC0161		0.0	21.4	21.4	4,896	1,333	27%
Soberbo	SBBAC0161	incl.	0.0	18.0	18.0	5,586	1,615	29%
Soberbo	SBBAC0162		0.0	12.0	12.0	6,220	1,838	30%
Soberbo	SBBAC0162	incl.	2.0	12.0	10.0	6,972	2,202	32%
Soberbo	SBBAC0162	with	10.0	12.0	2.0	13,710	4,335	32%
Soberbo	SBBAC0163		0.0	7.0	7.0	5,192	1,542	30%
Soberbo	SBBAC0163	incl.	0.0	6.0	6.0	5,563	1,675	30%
Soberbo	SBBAC0164		0.0	9.5	9.5	5,285	1,705	32%
Soberbo	SBBAC0165		0.0	8.2	8.2	2,679	676	25%
Soberbo	SBBAC0165	incl.	4.0	6.0	2.0	4,078	1,138	28%
Soberbo	SBBAC0166		0.0	3.2	3.2	1,506	248	16%
Soberbo	SBBAC0167		0.0	20.0	20.0	2,789	649	23%
Soberbo	SBBAC0167	incl.	2.0	8.0	6.0	4,613	1,297	28%
Soberbo	SBBAC0168		0.0	5.0	5.0	1,515	146	10%
Soberbo	SBBAC0169		0.0	6.0	6.0	1,830	290	16%
Soberbo	SBBAC0170		0.0	34.0	34.0	2,482	491	20%
Soberbo	SBBAC0170	incl.	6.0	18.0	12.0	3,789	1,023	27%
Soberbo	SBBAC0171		0.0	20.0	20.0	2,398	477	20%
Soberbo	SBBAC0171	incl.	2.0	6.0	4.0	3,541	885	25%
Soberbo	SBBAC0172		0.0	8.0	8.0	1,963	389	20%
Soberbo	SBBAC0173		0.0	11.5	11.5	2,557	587	23%
Soberbo	SBBAC0173	incl.	2.0	4.0	2.0	4,757	1,306	27%
Soberbo	SBBAC0174		0.0	9.0	9.0	2,437	608	25%
Soberbo	SBBAC0174	incl.	6.0	8.0	2.0	3,052	843	28%
Soberbo	SBBAC0175		0.0	4.0	4.0	2,141	473	22%
Soberbo	SBBAC0175B		0.0	14.2	14.2	2,027	461	23%
Soberbo	SBBAC0175B	incl.	2.0	4.0	2.0	3,167	802	25%
Soberbo	SBBAC0176		0.0	8.1	8.1	4,176	1,047	25%
Soberbo	SBBAC0176	incl.	2.0	8.0	6.0	4,848	1,276	26%
Soberbo	SBBAC0177		0.0	14.0	14.0	3,389	713	21%
Soberbo	SBBAC0177	incl.	8.0	14.0	6.0	5,330	1,365	26%
Soberbo	SBBAC0178		0.0	34.0	34.0	3,100	658	21%
Soberbo	SBBAC0178	incl.	8.0	20.0	12.0	5,122	1,333	26%
Soberbo	SBBAC0179		0.0	48.0	48.0	1,700	356	21%

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Target	Hole		From (m)	To (m)	Length (m)	TREO (ppm)	MREO (ppm)	MREO/TREO (%)
Soberbo	SBBAC0179	incl.	8.0	20.0	12.0	3,609	997	28%
Soberbo	SBBAC0180		0.0	12.0	12.0	3,076	639	21%
Soberbo	SBBAC0180	incl.	4.0	12.0	8.0	3,956	1,022	26%
Soberbo	SBBAC0181		0.0	22.0	22.0	2,469	528	21%
Soberbo	SBBAC0181	incl.	2.0	12.0	10.0	3,715	967	26%
Soberbo	SBBAC0182		0.0	26.2	26.2	2,947	526	18%
Soberbo	SBBAC0182	incl.	4.0	16.0	12.0	4,249	797	19%
Soberbo	SBBAC0183		0.0	17.0	17.0	3,375	703	21%
Soberbo	SBBAC0183	incl.	4.0	14.0	10.0	4,313	1,008	23%
Soberbo	SBBAC0184		0.0	60.5	60.5	2,163	365	17%
Soberbo	SBBAC0184	incl.	2.0	12.0	10.0	4,680	1,084	23%
Soberbo	SBBAC0185		0.0	30.0	30.0	2,702	474	18%
Soberbo	SBBAC0185	incl.	2.0	18.0	16.0	3,591	736	20%
Soberbo	SBBAC0186		0.0	25.0	25.0	1,696	236	14%
Soberbo	SBBAC0187		0.0	34.0	34.0	2,889	574	20%
Soberbo	SBBAC0187	incl.	12.0	24.0	12.0	4,612	1,158	25%
Soberbo	SBBAC0188		0.0	38.0	38.0	2,814	573	20%
Soberbo	SBBAC0188	incl.	4.0	18.0	14.0	4,816	1,263	26%
Soberbo	SBBAC0189		0.0	26.1	26.1	3,700	892	24%
Soberbo	SBBAC0189	incl.	4.0	14.0	10.0	6,084	1,747	29%
Soberbo	SBBAC0190		0.0	48.2	48.2	2,462	426	17%
Soberbo	SBBAC0190	incl.	14.0	26.0	12.0	4,417	1,110	25%
Soberbo	SBBAC0191		0.0	8.0	8.0	1,665	304	18%
Soberbo	SBBAC0192		0.0	3.0	3.0	1,783	360	20%
Soberbo	SBBAC0193		0.0	18.0	18.0	3,237	722	22%
Soberbo	SBBAC0193	incl.	0.0	12.0	12.0	3,821	947	25%
Soberbo	SBBAC0194		0.0	10.0	10.0	1,764	331	19%
Soberbo	SBBAC0195		0.0	9.0	9.0	1,995	392	20%
Soberbo	SBBAC0196		0.0	1.5	1.5	1,539	250	16%
Soberbo	SBBAC0197		0.0	22.0	22.0	3,201	853	27%
Soberbo	SBBAC0197	incl.	0.0	14.0	14.0	4,023	1,195	30%
Soberbo	SBBAC0198		0.0	5.0	5.0	5,007	1,462	29%
Soberbo	SBBAC0199		0.0	12.5	12.5	2,883	718	25%
Soberbo	SBBAC0199	incl.	0.0	4.0	4.0	5,053	1,480	29%
Soberbo	SBBAC0200		0.0	7.0	7.0	2,946	744	25%
Soberbo	SBBAC0200	incl.	2.0	4.0	2.0	4,232	1,147	27%
Soberbo	SBBAC0201		0.0	25.0	25.0	1,968	411	21%
Soberbo	SBBAC0201	incl.	2.0	8.0	6.0	3,637	959	26%
Soberbo	SBBAC0202		0.0	12.0	12.0	2,029	424	21%
Soberbo	SBBAC0202	incl.	0.0	4.0	4.0	3,136	790	25%
Soberbo	SBBAC0203		0.0	15.0	15.0	2,151	329	15%
Soberbo	SBBAC0203	incl.	0.0	6.0	6.0	3,396	563	17%
Soberbo	SBBAC0204		0.0	8.0	8.0	1,835	374	20%
Soberbo	SBBAC0205		0.0	18.0	18.0	1,534	289	19%
Soberbo	SBBAC0206		0.0	18.0	18.0	4,389	1,313	30%
Soberbo	SBBAC0206	incl.	0.0	14.0	14.0	4,854	1,510	31%
Soberbo	SBBAC0207		0.0	8.0	8.0	2,022	440	22%
Soberbo	SBBAC0208		0.0	11.5	11.5	3,659	1,034	28%
Soberbo	SBBAC0208	incl.	0.0	6.0	6.0	5,337	1,727	32%
Soberbo	SBBAC0209		0.0	6.0	6.0	1,994	376	19%
Soberbo	SBBAC0210		0.0	13.0	13.0	1,722	338	20%
Soberbo	SBBAC0211		0.0	1.5	1.5	1,348	238	18%
Soberbo	SBBAC0212		0.0	22.5	22.5	1,332	229	17%
Soberbo	SBBAC0213		0.0	1.5	1.5	2,272	458	20%

Target	Hole		From (m)	To (m)	Length (m)	TREO (ppm)	MREO (ppm)	MREO/TREO (%)
Soberbo	SBBAC0214		0.0	9.0	9.0	2,672	613	23%
Soberbo	SBBAC0214	incl.	2.0	6.0	4.0	3,485	875	25%
Soberbo	SBBAC0215		0.0	22.0	22.0	2,899	561	19%
Soberbo	SBBAC0215	incl.	0.0	8.0	8.0	5,016	1,206	24%
Soberbo	SBBAC0216		0.0	5.0	5.0	1,674	307	18%
Soberbo	SBBAC0217		0.0	19.5	19.5	1,888	363	19%
Soberbo	SBBAC0217	incl.	4.0	6.0	2.0	3,324	739	22%
Soberbo	SBBAC0218		0.0	9.2	9.2	3,964	931	23%
Soberbo	SBBAC0218	incl.	2.0	9.2	7.2	4,585	1,265	28%
Soberbo	SBBAC0219		0.0	15.8	15.8	3,051	485	16%
Soberbo	SBBAC0219	incl.	2.0	10.0	8.0	3,862	1,035	27%
Soberbo	SBBAC0220		0.0	21.5	21.5	3,487	791	23%
Soberbo	SBBAC0220	incl.	4.0	12.0	8.0	6,692	1,870	28%
Soberbo	SBBAC0221		0.0	15.2	15.2	3,698	940	25%
Soberbo	SBBAC0221	incl.	2.0	10.0	8.0	5,057	1,442	29%
Soberbo	SBBAC0222		0.0	10.0	10.0	2,415	563	23%
Soberbo	SBBAC0222	incl.	0.0	4.0	4.0	3,714	963	26%
Soberbo	SBBAC0223		0.0	5.0	5.0	1,578	306	19%
Soberbo	SBBAC0224		0.0	20.0	20.0	1,671	360	22%
Soberbo	SBBAC0225		0.0	8.3	8.3	1,833	379	21%
Soberbo	SBBAC0226		0.0	7.0	7.0	1,594	300	19%
Soberbo	SBBAC0227		0.0	14.8	14.8	1,580	302	19%
Soberbo	SBBAC0228		0.0	7.0	7.0	1,742	346	20%
Soberbo	SBBAC0229		0.0	12.0	12.0	4,023	1,109	28%
Soberbo	SBBAC0229	incl.	2.0	12.0	10.0	4,439	1,336	30%
Soberbo	SBBAC0230		0.0	37.0	37.0	2,221	430	19%
Soberbo	SBBAC0230	incl.	10.0	12.0	2.0	3,703	360	10%
Soberbo	SBBAC0231		0.0	21.5	21.5	2,526	452	18%
Soberbo	SBBAC0231	incl.	16.0	20.0	4.0	4,496	1,300	29%
Soberbo	SBBAC0241		0.0	16.0	16.0	2,269	494	22%
Soberbo	SBBAC0241	incl.	6.0	12.0	6.0	3,229	850	26%
Soberbo	SBBAC0242		0.0	18.0	18.0	1,525	251	16%
Soberbo	SBBAC0243		0.0	22.0	22.0	1,754	334	19%
Soberbo	SBBAC0244		0.0	11.0	11.0	4,791	926	19%
Soberbo	SBBAC0244	incl.	2.0	10.0	8.0	5,891	1,221	21%
Soberbo	SBBAC0244	with	2.0	4.0	2.0	10,809	1,351	13%
Soberbo	SBBAC0245		0.0	24.0	24.0	2,028	394	19%
Soberbo	SBBAC0245	incl.	4.0	8.0	4.0	3,732	952	26%
Soberbo	SBBAC0246		0.0	10.0	10.0	2,377	554	23%
Soberbo	SBBAC0246	incl.	0.0	4.0	4.0	3,924	1,169	30%
Soberbo	SBBAC0247		0.0	7.0	7.0	1,965	400	20%
Soberbo	SBBAC0248		0.0	10.0	10.0	2,115	404	19%
Soberbo	SBBAC0249		0.0	10.0	10.0	1,513	308	20%
Soberbo	SBBAC0250		0.0	11.0	11.0	2,294	598	26%
Soberbo	SBBAC0250	incl.	2.0	6.0	4.0	3,198	966	30%
Soberbo	SBBAC0251		0.0	17.6	17.6	2,156	461	21%
Soberbo	SBBAC0251	incl.	8.0	14.0	6.0	3,038	855	28%
Soberbo	SBBAC0252		0.0	6.4	6.4	3,737	881	24%
Soberbo	SBBAC0252	incl.	2.0	6.4	4.4	4,758	1,360	29%
Soberbo	SBBAC0253		0.0	10.6	10.6	3,059	853	28%
Soberbo	SBBAC0253	incl.	0.0	6.0	6.0	3,870	1,188	31%
Soberbo	SBBAC0254		0.0	5.1	5.1	3,684	852	23%
Soberbo	SBBAC0254	incl.	2.0	5.1	3.1	4,580	1,156	25%
Soberbo	SBBAC0255		0.0	2.0	2.0	4,604	1,819	40%

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Target	Hole		From (m)	To (m)	Length (m)	TREO (ppm)	MREO (ppm)	MREO/TREO (%)
Soberbo	SBBAC0256		0.0	29.0	29.0	2,346	499	21%
Soberbo	SBBAC0256	incl.	8.0	16.0	8.0	3,067	751	24%
Soberbo	SBBAC0257		0.0	27.0	27.0	3,195	810	25%
Soberbo	SBBAC0257	incl.	12.0	24.0	12.0	4,910	1,536	31%
Soberbo	SBBAC0258		0.0	9.4	9.4	1,493	253	17%
Soberbo	SBBAC0259		0.0	14.0	14.0	2,508	501	20%
Soberbo	SBBAC0259	incl.	8.0	12.0	4.0	3,715	1,091	29%
Soberbo	SBBAC0260		0.0	24.2	24.2	2,176	417	19%
Soberbo	SBBAC0260	incl.	16.0	20.0	4.0	4,392	1,326	30%
Soberbo	SBBAC0261		0.0	21.6	21.6	2,048	387	19%
Soberbo	SBBAC0261	incl.	14.0	20.0	6.0	3,543	962	27%
Soberbo	SBBAC0262		0.0	14.4	14.4	4,489	1,235	28%
Soberbo	SBBAC0262	incl.	2.0	12.0	10.0	5,434	1,592	29%
Soberbo	SBBAC0263		0.0	16.0	16.0	1,361	261	19%
Soberbo	SBBAC0264		0.0	16.4	16.4	2,188	500	23%
Soberbo	SBBAC0264	incl.	2.0	6.0	4.0	3,642	1,037	28%
Soberbo	SBBAC0265		0.0	6.4	6.4	2,105	452	21%
Soberbo	SBBAC0266		0.0	10.0	10.0	3,097	856	28%
Soberbo	SBBAC0266	incl.	4.0	8.0	4.0	3,976	1,219	31%
Soberbo	SBBAC0267		0.0	17.0	17.0	1,395	233	17%
Soberbo	SBBAC0268		0.0	12.0	12.0	1,928	394	20%
Soberbo	SBBAC0269		0.0	13.6	13.6	3,107	748	24%
Soberbo	SBBAC0269	incl.	4.0	12.0	8.0	3,899	1,161	30%
Soberbo	SBBAC0270		0.0	21.6	21.6	2,522	577	23%
Soberbo	SBBAC0270	incl.	6.0	14.0	8.0	3,767	1,008	27%
Soberbo	SBBAC0271		0.0	21.6	21.6	3,464	793	23%
Soberbo	SBBAC0271	incl.	4.0	16.0	12.0	4,748	1,249	26%
Soberbo	SBBAC0272		0.0	5.0	5.0	1,499	237	16%
Soberbo	SBBAC0273		0.0	7.2	7.2	1,932	223	12%
Soberbo	SBBAC0274		0.0	10.0	10.0	7,022	2,169	31%
Soberbo	SBBAC0275		0.0	7.0	7.0	3,635	980	27%
Soberbo	SBBAC0275	incl.	0.0	6.0	6.0	3,810	1,028	27%
Soberbo	SBBAC0276		0.0	21.2	21.2	3,085	772	25%
Soberbo	SBBAC0276	incl.	0.0	10.0	10.0	4,851	1,483	31%
Soberbo	SBBAC0277		0.0	19.0	19.0	2,768	588	21%
Soberbo	SBBAC0277	incl.	12.0	19.0	7.0	4,555	1,380	30%

**min 4m width, bottom cut-off 1000ppm TREO, max 2m internal dilution*

***including: min 2m width, bottom cut-off 3000 ppm TREO, max 1m internal dilution*

****with: min 2m width, bottom cut-off 5000 ppm TREO, max 1m internal dilution*

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APPENDIX 2 – Drill Hole information table.

Soberbo Deposit – Collar table (all holes were drilled vertical). Geographic Datum SIRGAS_2000_23S

TARGET	HOLE ID	EAST	NORTH	RL	DEPTH	COMMENTS
Soberbo	SBBAC0001	350090	7571312	1239	24.5	
Soberbo	SBBAC0002	350164	7571308	1251	3.0	
Soberbo	SBBAC0003	350098	7571204	1240	17.0	
Soberbo	SBBAC0004	350189	7571206	1259	3.0	
Soberbo	SBBAC0005	349995	7571105	1244	13.0	
Soberbo	SBBAC0006	349905	7571204	1223	5.5	
Soberbo	SBBAC0007	349790	7571294	1203	5.0	
Soberbo	SBBAC0008	349919	7571060	1235	24.5	
Soberbo	SBBAC0009	349903	7571092	1234	20.0	
Soberbo	SBBAC0010	350093	7571007	1254	14.3	
Soberbo	SBBAC0011	349984	7570999	1242	8.0	
Soberbo	SBBAC0012	350086	7570917	1259	14.3	
Soberbo	SBBAC0013	349997	7570914	1248	17.0	
Soberbo	SBBAC0014	349977	7570802	1267	31.0	
Soberbo	SBBAC0015	349896	7570906	1249	17.0	
Soberbo	SBBAC0016	349887	7570794	1254	14.5	
Soberbo	SBBAC0017	349931	7570770	1250	28.0	
Soberbo	SBBAC0018	348893	7569420	1298	26.0	
Soberbo	SBBAC0019	348887	7569310	1296	21.0	
Soberbo	SBBAC0020	348797	7569424	1291	18.0	
Soberbo	SBBAC0021	348888	7569497	1306	20.0	
Soberbo	SBBAC0022	348788	7569215	1308	23.0	
Soberbo	SBBAC0023	348697	7569206	1314	10.0	
Soberbo	SBBAC0024	348688	7569114	1325	10.5	
Soberbo	SBBAC0025	348999	7569615	1313	18.0	
Soberbo	SBBAC0026	348871	7569699	1273	25.0	
Soberbo	SBBAC0027	348795	7569716	1268	12.0	
Soberbo	SBBAC0028	348804	7569606	1291	35.0	
Soberbo	SBBAC0029	348686	7569721	1273	0.5	NO SAMPLE COLLECTED
Soberbo	SBBAC0030	348710	7569597	1275	15.0	
Soberbo	SBBAC0031	348992	7569720	1297	5.5	
Soberbo	SBBAC0032	349011	7569839	1305	18.8	
Soberbo	SBBAC0033	348898	7569841	1291	1.0	
Soberbo	SBBAC0034	348895	7569907	1286	9.0	
Soberbo	SBBAC0035	349100	7569905	1312	26.8	
Soberbo	SBBAC0036	349191	7570009	1306	5.0	
Soberbo	SBBAC0037	349195	7570105	1294	8.0	
Soberbo	SBBAC0038	348893	7569839	1291	5.0	
Soberbo	SBBAC0039	349362	7570208	1304	12.2	
Soberbo	SBBAC0040	349395	7570294	1294	32.5	
Soberbo	SBBAC0041	349294	7570212	1308	2.0	
Soberbo	SBBAC0042	349205	7570222	1303	12.5	
Soberbo	SBBAC0043	349084	7570034	1294	14.2	
Soberbo	SBBAC0044	349092	7570111	1281	12.1	
Soberbo	SBBAC0045	348995	7570101	1274	11.0	
Soberbo	SBBAC0046	348987	7570025	1292	21.0	
Soberbo	SBBAC0047	348899	7570003	1276	9.2	
Soberbo	SBBAC0048	348808	7570010	1261	8.0	
Soberbo	SBBAC0049	348785	7570090	1249	26.8	
Soberbo	SBBAC0050	348712	7570008	1246	4.0	
Soberbo	SBBAC0051	348682	7569925	1238	14.8	
Soberbo	SBBAC0052	348807	7569925	1268	13.0	
Soberbo	SBBAC0053	348990	7569906	1301	17.9	

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TARGET	HOLE ID	EAST	NORTH	RL	DEPTH	COMMENTS
Soberbo	SBBAC0054	348909	7570111	1265	10.4	
Soberbo	SBBAC0055	348588	7569082	1328	26.0	
Soberbo	SBBAC0056	348704	7569307	1288	15.0	
Soberbo	SBBAC0057	348700	7569415	1277	22.0	
Soberbo	SBBAC0058	348705	7569517	1281	5.2	
Soberbo	SBBAC0059	348595	7569809	1244	9.8	
Soberbo	SBBAC0060	348498	7569908	1224	20.0	
Soberbo	SBBAC0061	349796	7570608	1277	32.0	
Soberbo	SBBAC0062	349671	7570521	1289	21.5	
Soberbo	SBBAC0063	349587	7570439	1293	23.6	
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Soberbo	SBBAC0068	349502	7570797	1232	16.5	
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Soberbo	SBBAC0078	349498	7570409	1282	16.0	
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Soberbo	SBBAC0093	349296	7570680	1252	11.4	
Soberbo	SBBAC0094	349194	7570608	1276	10.0	
Soberbo	SBBAC0095	349256	7570602	1263	13.0	
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Soberbo	SBBAC0097	349100	7570814	1283	12.2	
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Soberbo	SBBAC0102	348882	7571315	1209	18.0	
Soberbo	SBBAC0103	348811	7571198	1223	27.0	
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Soberbo	SBBAC0105	348887	7571108	1229	21.5	
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Soberbo	SBBAC0107	348921	7570917	1251	24.0	
Soberbo	SBBAC0108	348985	7570919	1257	29.0	
Soberbo	SBBAC0109	349111	7570884	1276	14.2	

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TARGET	HOLE ID	EAST	NORTH	RL	DEPTH	COMMENTS
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Soberbo	SBBAC0112	349004	7571207	1218	19.5	
Soberbo	SBBAC0113	349014	7571331	1214	33.4	
Soberbo	SBBAC0114	349106	7571225	1229	28.0	
Soberbo	SBBAC0115	349212	7571128	1255	43.0	
Soberbo	SBBAC0116	349207	7571216	1250	38.2	
Soberbo	SBBAC0117	349284	7571214	1249	22.0	
Soberbo	SBBAC0118	349197	7571315	1229	24.0	
Soberbo	SBBAC0119	349121	7571309	1230	39.0	
Soberbo	SBBAC0120	349373	7571306	1251	20.2	
Soberbo	SBBAC0121	349410	7571215	1271	26.0	
Soberbo	SBBAC0122	349403	7571096	1292	11.4	
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Soberbo	SBBAC0125	349589	7571216	1262	8.0	
Soberbo	SBBAC0126	349589	7571326	1240	16.0	
Soberbo	SBBAC0127	349493	7571327	1231	15.0	
Soberbo	SBBAC0128	349761	7571184	1224	1.0	
Soberbo	SBBAC0129	349724	7571258	1225	3.4	
Soberbo	SBBAC0130	349717	7571318	1227	15.3	
Soberbo	SBBAC0131	349606	7570983	1233	6.4	
Soberbo	SBBAC0132	349511	7570896	1234	20.4	
Soberbo	SBBAC0133	349415	7570862	1244	12.0	
Soberbo	SBBAC0134	349379	7570802	1245	12.0	
Soberbo	SBBAC0135	349203	7570786	1270	13.5	
Soberbo	SBBAC0136	349201	7571010	1293	21.0	
Soberbo	SBBAC0137	349383	7571053	1294	14.5	
Soberbo	SBBAC0138	349490	7571113	1271	23.0	
Soberbo	SBBAC0139	349586	7571121	1255	24.0	
Soberbo	SBBAC0140	349528	7571238	1251	4.5	
Soberbo	SBBAC0141	349261	7570932	1295	31.0	
Soberbo	SBBAC0142	349250	7571158	1257	40.8	
Soberbo	SBBAC0143	349693	7571115	1234	15.0	
Soberbo	SBBAC0144	349683	7570999	1228	9.0	
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Soberbo	SBBAC0158	348597	7570101	1237	9.2	
Soberbo	SBBAC0159	348502	7570068	1230	14.0	
Soberbo	SBBAC0160	348404	7570057	1226	15.3	
Soberbo	SBBAC0161	348302	7570106	1228	21.4	
Soberbo	SBBAC0162	348186	7570090	1222	12.0	
Soberbo	SBBAC0163	348100	7570081	1217	7.0	
Soberbo	SBBAC0164	347996	7570088	1209	9.5	
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TARGET	HOLE ID	EAST	NORTH	RL	DEPTH	COMMENTS
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Soberbo	SBBAC0170	348378	7569891	1222	34.0	
Soberbo	SBBAC0171	348420	7569823	1227	20.0	
Soberbo	SBBAC0172	348464	7569779	1227	10.0	
Soberbo	SBBAC0173	348485	7569677	1244	11.5	
Soberbo	SBBAC0174	348510	7569598	1251	9.0	
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Soberbo	SBBAC0176	348399	7569610	1277	8.1	
Soberbo	SBBAC0177	348381	7569697	1267	14.0	
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Soberbo	SBBAC0179	348099	7569907	1231	48.0	
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Soberbo	SBBAC0182	348095	7569705	1226	26.2	
Soberbo	SBBAC0183	348197	7569712	1237	17.0	
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Soberbo	SBBAC0185	348180	7569594	1247	40.0	
Soberbo	SBBAC0186	348181	7569498	1240	25.0	
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Soberbo	SBBAC0190	348309	7569786	1254	48.2	
Soberbo	SBBAC0191	348290	7569506	1265	8.0	
Soberbo	SBBAC0192	348292	7569585	1275	3.0	
Soberbo	SBBAC0193	348398	7569412	1287	18.2	
Soberbo	SBBAC0194	348463	7569370	1295	10.0	
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Soberbo	SBBAC0199	348195	7569012	1291	12.5	
Soberbo	SBBAC0200	348203	7568906	1291	7.0	
Soberbo	SBBAC0201	348266	7568939	1299	25.0	
Soberbo	SBBAC0202	348095	7568905	1261	12.0	
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Soberbo	SBBAC0207	348093	7569020	1277	8.0	
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Soberbo	SBBAC0215	347947	7569306	1276	22.0	
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Soberbo	SBBAC0217	348081	7569417	1243	19.5	
Soberbo	SBBAC0218	348067	7569518	1235	9.2	
Soberbo	SBBAC0219	347997	7569511	1243	15.8	
Soberbo	SBBAC0220	347999	7569603	1232	21.5	
Soberbo	SBBAC0221	347942	7569672	1229	15.2	

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TARGET	HOLE ID	EAST	NORTH	RL	DEPTH	COMMENTS
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Soberbo	SBBAC0225	348399	7569304	1301	8.3	
Soberbo	SBBAC0226	348276	7569115	1284	7.0	
Soberbo	SBBAC0227	348279	7569206	1275	14.8	
Soberbo	SBBAC0228	348281	7569302	1273	7.0	
Soberbo	SBBAC0229	348595	7568913	1303	12.0	
Soberbo	SBBAC0230	348595	7568791	1309	37.0	
Soberbo	SBBAC0231	348592	7568707	1291	21.5	
Soberbo	SBBAC0232	348593	7568607	1287	22.0	
Soberbo	SBBAC0233	348494	7568612	1284	22.0	
Soberbo	SBBAC0234	348388	7568594	1291	35.4	
Soberbo	SBBAC0235	348393	7568707	1269	18.0	
Soberbo	SBBAC0236	348293	7568707	1260	18.2	
Soberbo	SBBAC0237	348204	7568688	1255	4.0	
Soberbo	SBBAC0238	348188	7568594	1240	8.0	
Soberbo	SBBAC0239	348270	7568491	1243	13.0	
Soberbo	SBBAC0240	348384	7568315	1246	7.0	
Soberbo	SBBAC0241	348495	7568307	1260	16.5	
Soberbo	SBBAC0242	348497	7568217	1253	18.0	
Soberbo	SBBAC0243	348597	7568213	1262	22.0	
Soberbo	SBBAC0244	348697	7568203	1276	11.0	
Soberbo	SBBAC0245	348594	7568307	1263	24.0	
Soberbo	SBBAC0246	348694	7568312	1277	10.0	
Soberbo	SBBAC0247	348616	7568398	1269	7.0	
Soberbo	SBBAC0248	348689	7568409	1275	10.0	
Soberbo	SBBAC0249	348388	7568412	1259	10.0	
Soberbo	SBBAC0250	348402	7568494	1262	11.0	
Soberbo	SBBAC0251	348489	7568513	1273	17.6	
Soberbo	SBBAC0252	348490	7568416	1262	6.4	
Soberbo	SBBAC0253	348267	7568607	1256	10.6	
Soberbo	SBBAC0254	348401	7568810	1273	5.1	
Soberbo	SBBAC0255	348496	7568907	1290	4.4	
Soberbo	SBBAC0256	348598	7569008	1314	29.0	
Soberbo	SBBAC0257	348488	7568513	1273	27.0	
Soberbo	SBBAC0258	348592	7568519	1279	9.4	
Soberbo	SBBAC0259	348491	7568713	1284	14.0	
Soberbo	SBBAC0260	348789	7568195	1288	24.2	
Soberbo	SBBAC0261	348806	7568120	1288	21.6	
Soberbo	SBBAC0262	348695	7568112	1274	14.4	
Soberbo	SBBAC0263	348567	7568102	1256	16.0	
Soberbo	SBBAC0264	348504	7568127	1251	16.4	
Soberbo	SBBAC0265	348091	7568603	1237	6.4	
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Soberbo	SBBAC0267	347982	7568519	1251	17.0	
Soberbo	SBBAC0268	348694	7568504	1290	12.0	
Soberbo	SBBAC0269	348084	7568482	1251	13.6	
Soberbo	SBBAC0270	348095	7568413	1256	21.6	
Soberbo	SBBAC0271	347997	7568406	1268	21.6	
Soberbo	SBBAC0272	347989	7568307	1261	5.0	
Soberbo	SBBAC0273	347995	7567902	1316	7.2	
Soberbo	SBBAC0274	347993	7568006	1294	10.0	
Soberbo	SBBAC0275	347976	7568094	1282	7.0	
Soberbo	SBBAC0276	347972	7568193	1272	21.2	
Soberbo	SBBAC0277	348089	7567907	1316	19.0	

APPENDIX 3 - JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

Criteria	**Commentary**
Sampling techniques	• Two (2) metre composite samples are collected from the cyclone of the rig in plastic buckets. • The material from the plastic buckets is passed through a single tier, riffle splitter with: one half bagged and numbered for submission to the laboratory, and the other half bagged and given the same number, then stored as a duplicate at the core facility in Pocos de Caldas.
Drilling techniques	• Drilling was completed by a HANJIN 8D Multipurpose Track Mounted Drill Rig, configured to drill 3-inch Aircore holes. The rig is supported by an Atlas Copco XRHS800 compressor which supplies sufficient air to keep the sample dry down to the current deepest depth of 73m. • Most drill sites require minimal to no site preparation. On particularly steep sites, the area is levelled with a backhoe loader. • All holes are drilled vertical. • Drilling is stopped at 'blade refusal' when the rotating bit is unable to cut the ground an further. This occurs near the interface between clay and transition zones, generally 0.5-1.0m in to the transition. On occasions a face sampling hammer is used once 'blade refusal' is reached to penetrate into the transition zone, sometimes into the fresh rock.
Drill sample recovery	• Every 2m composite sample is collected in plastic buckets and weighed to monitor sample recoveries. Each sample averages approximately 12 kg.
Logging	• The geology is logged at the drill rig by the geologist - logging focused on the soil (humic) horizon, saprolite/clay zones and transition boundaries. Depth of geological boundaries are honoured and described with downhole depth – not metre by metre. • Others important parameters data collected includes: grainsize, texture and colour, which can help to identify the parent rock before weathering. • The retained chip trays of all drilled holes have a digital photographic record. The log is stored in Microsoft Excel template with inbuilt validation tables and pick list to avoid data entry errors. • All geological data are imported into a Microsoft Access database and validated.

Sub-sampling techniques and sample preparation	• Sample preparation (drying, crushing, splitting and pulverising) is carried out by ALS laboratory using industry standard protocols:
	  ○ dried at 60°C
	  ○ the fresh rock is crushed to sub 2mm
	  ○ the saprolite is just disaggregated with hammers
	  ○ Riffle split 800g sub-sample
	  ○ 800 g pulverized to 90% passing 75um, monitored by sieving.
	  ○ Aliquot selection from pulp packet

Quality of assay data and laboratory tests	• All samples were assayed by three ALS methods:
	  ○ ME-MS81 – Lithium borate fusion prior acid dissolution and ICP-MS analysis for Ba, Ce, Cr, Cs, Dy, Er, Eu, Ga, Gd, Hf, Ho, La, Lu, Nb, Nd, Pr, Rb, Sc, Sm, Sn, Sr, Ta, Tb, Th, Ti, Tm, U, V, W, Y, Yb, Zr
	  ○ Me-4ACD81 - Lithium borate fusion prior acid dissolution and ICP-MS analysis for Ag, Au, Cd, Co, Cu, Li, Mo, Ni, Pb, Sc, Tl, Zn.
	  ○ ME-ICP06 – X-Ray Fluorescence (XRF) and acid ICP-AES analysis for Al_2O_3, BaO, CaO, Cr_2O_3, Fe_2O_3, K_2O, MgO, MnO, Na_2O, P_2O_5, SiO_2, SrO, TiO_2, LOI.
	• Laboratory inserted its own QA/QC controls, with standards, blanks and duplicates to assure the quality and standards of the lab.
	• The QA/QC data includes a duplicate sample every 20 samples, and a blank and standard sample in each 30 samples.

Verification of sampling and assaying	• All data is in digital format and stored in a cloud server, also the company maintains a back up in a desktop computer to assure that the data could be restored if any problem occurs with the cloud or with the desktop server. • Raw assays are received as Elemental data (ppm) from ALS laboratories. The Elemental data is converted to Element Oxide data using the following conversion factors:-

Ce Ox	Dy Ox	Er Ox	Eu Ox	Gd Ox	Ho Ox	La Ox	Lu Ox	Nd Ox	Pr Ox	Sm Ox	Tb Ox	Tm Ox	Y Ox	Yb Ox
1.2284	1.1477	1.1435	1.1579	1.1526	1.1455	1.1728	1.1372	1.1664	1.1702	1.1596	1.151	1.142	1.2697	1.1379

Location of data points	• All collars are set out using a hand held Garmin GPS. Once complete, all holes are picked up usnig a RTK GPS. • All collars were surveyed in SIRGAS 2000, 23S spindle UTM grid system. The SIRGAS 2000 is a South American Datum which is very similar with the WGS 84. • A LIDAR topographic survey was completed at Capao do Mel, Soberbo, and Figuiera Licenses by GeoSense.
Data spacing and distribution	• Holes are drilled on a nominal 100m x 100m spacing, infilled to 50m x 50m in areas to allow estimation of Measured and/or Indicated resources (collar plan displayed in the body of the release). • No resources are reported.
Orientation of data in relation to geological structure	• The mineralisation is flat lying and occurs within the saprolite/clay zone of a deeply developed regolith (reflecting topography and weathering). Vertical sampling from the diamond holes is appropriate. • Aircore drilling by its design with air passing through an outer tube and sample returning back up the rods through an inner tube delivers uncontaminated samples. Duplicate samples are submitted every 60 samples and results analysed to ensure no bias is introduced in the sampling process.

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Sample security	• Samples are split and bagged in the field and transported back to the Company facility in Pocinhos. • All samples for submission to the lab are packed in plastic bags (in batches) and despatched to to ALS laboratory in Vespasiano by Transport Company. • The remaining sample is collected in the plastic bags and stored at the core shed on wooden pallets.
Audits or reviews	• MEI conducted a review of historic assay results as part of its Due Diligence prior to acquiring the project. Approximately 5% of all stored coarse rejects from auger drilling were resampled and submitted to two (2) labs: SGS Geosol and ALS Laboratories. Results verified the existing assay results, returning values +/-10% of the original grades, well within margins of error for the grade of mineralisation reported. (see ASX:MEI 13/03/23 for a more detailed discussion). • No independent audit of sampling techniques and data has been completed.

Section 2 Reporting of Exploration Results

Criteria	Commentary
Mineral tenement and land tenure status	• No change since previous report. • Given the rich history of mining and current mining activity in the Poços de Caldas there appears to be no impediments to obtaining a License to operate in the area.
Exploration done by other parties	• The Caldeira Project has had significant exploration in the form of surface geochem across 30 granted mining concessions, plus: geologic mapping, topographic surveys, and powered auger (1,396 holes for 12,963 samples). • MEI performed Due Diligence on historic exploration and are satisfied the data is accurate and correct (refer ASX Release 13 March 2023 for a discussion).
Geology	• The Alkaline Complex of Poços de Caldas represents in Brazil one of the most important geological terrain which hosts deposits of ETR, bauxite, clay, uranium, zirconium, rare earths and leucite. The different types of mineralization are products of a history of post-magmatic alteration and weathering, in the last stages of its evolution (Schorscher & Shea, 1992; Ulbrich et al., 2005), The REE mineralisation discussed in this release is of the Ionic Clay type as evidenced by development within the saprolite/clay zone of the weathering profile of the Alkaline syenite basement as well as enriched HREE composition.
Drill hole Information	• Reported as Appendix 2.
Data aggregation methods	• Mineralised Intercepts are reported with a minimum of 4m width, lower cut-off 1000ppm TREO, with a maximum of 2m internal dilution. • High-Grade Intercepts reported as “including” are reported with a minimum of 2m width, lower cut-off 3000 ppm TREO, with a maximum of 1m internal dilution.
Mineralisation widths and intercept lengths	• All holes are vertical and mineralisation is developed in a flat lying clay and transition zone within the regolith. As such, reported widths are considered to equal true widths.
Diagrams	• Reported in the body of the text.
Balanced reporting	• Highlights of the Mineralised Intercepts are reported in the body of the text with results from every drill reported in the Mineralised Intercept table in Appendix 1 for balanced reporting.
Other substantive exploration data	• Metallurgical work was carried out on samples split from a 200kg composite sample, which in turn was composed of a selection of 184 samples from 41 holes (100 x100m grid) across the Capo do Mel Target. Head grade of the composite sample was 4,917ppm TREO. Results showed excellent recoveries by desorption of Rare Earth Elements (REE) using ammonium sulphate solution [(NH4)2SO4)] in weakly acidic conditions [pH 4]. Average recovery of the low temperature magnet REE Pr + Nd was 58%. desorption was achieved using a standard ammonium sulphate solution at pH 4 and confirms the Caldeira Project is an Ionic (Adsorption) Clay REE deposit (for further discussion refer ASX Release 20 December 2023). • A maiden Inferred resource was published to the ASX on May 1st 2023.
Further work	• Proposed work is discussed in the body of the text.

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