DISCOVERY OF HIGH-GRADE RARE EARTH TARGETS, RETURNING UP TO 1.87% TREO AT EAST SALINAS, BRAZIL

HIGHLIGHTS:

- **Medina Intrusive complex at the East Salinas project in Minas Gerais, Brazil returns high-grade rare earth element (REE) results from sample programs, including:**
  - **1.87% TREO[1] (EAS-RO-012)**
  - **1.59% TREO (EAS-RO-015)**
  - **1.59% TREO (EAS-RO-019)**
  - **1.37% TREO (EAS-RO-010)**
  - **1.39% TREO (EAS-RO-028)**
  - **1.33% TREO (EAS-RO-026)**
- **Elevated TREO demonstrates potential for high-grade mineralisation and prioritises exploration targets**
- **Standout neodymium-praseodymium oxide (NdPr) ratio reaching up to 38.8% confirms high value magnetic REE potential**
- **Peak NdPr oxide values reach up to 6,804ppm, with elevated levels of dysprosium-terbium (DyTb) oxides and heavy rare earth oxides (HREO) recorded; HREO ratio averaging 9.95% and ytterbium oxide averaging 387ppm in rock chip samples**
- **Granite outcrops at Naked Hill and Bald Hill are potential exploration targets, remaining open along strike and at depth**
- **Metallurgical test work in progress to assess low-cost gravity concentration after coarse grinding.**

Enova Mining Limited (**ASX: ENV**) (**Enova** or the **Company**) is pleased to announce surface sampling across the 22,700-hectare East Salinas Medina Granitic Complex in Minas Gerais, Brazil, has confirmed multiple high-grade rare earth element (REE) exploration targets, with standout results from the Naked Hill and Bald Hill areas.

Rock-chip assays returned highly anomalous **total rare earth oxide (TREO) grades up to 1.87%**, validating rare earth enrichment across several tenements. Elevated levels of neodymium-praseodymium oxide and key HREOs – terbium- dysprosium, ytterbium – underscore the strategic scale and development potential of Naked Hill and Bald Hill as priority targets.

[1] TREO = Total Rare Earth Oxide

CEO / Executive Director Eric Vesel commented:

"Sampling has highlighted the East Salinas Project areas of Naked and Bald Hill as exciting prospects with TREO grades up to 1.87% and strong Nd/Pr and HREO enrichment. We expect these outcrops to merge and extend in depth and width, much like an iceberg. We are confident of this being a big system with consistency. We are investigating metallurgical beneficiation at the same time as planning further exploration. Our interest is a scalable project amenable to coarse grinding to liberate minerals that can be concentrated by spirals, jigs or flotation.

ENV considers this a compelling rare earth opportunity in one of Brazil's most strategically located critical minerals corridors. Our team is energised by the scale of the discovery and the early signs of a high-grade system. We are now focused on beneficiation and then accelerating to our exploration to define the full extent of this emerging rare earth province."

Targeted sampling confirms REE prospectivity across priority zones at East Salinas

Enova collected 69 rock chip and soil samples across two high-priority zones and surrounding areas during targeted sampling campaigns in November 2024 and March 2025. These programs were designed to systematically evaluate surface mineralisation and refine priority drill targets at East Salinas. Sampling highlights are detailed in Table 1.

Type Sample	Project Area	Total Number of samples
Rock Chip Samples	East Salinas	30
Soil Samples	East Salinas	26
Regional Sample (Rock chip/Soil	East Salinas	13
Total		**69**

Table 1: Geochemical Sample Statistics

Strategic location and high-impact REE targets at East Salinas

Enova's East Salinas tenements, spanning low-relief terrain of pasture and scrubland near the northern edge of Brazil's Lithium Valley, offer excellent ground access for streamlined exploration. Surface sampling has delivered highly anomalous REE values across key zones within the Medina Granite Complex, highlighting strong mineralisation potential (Figure 1).

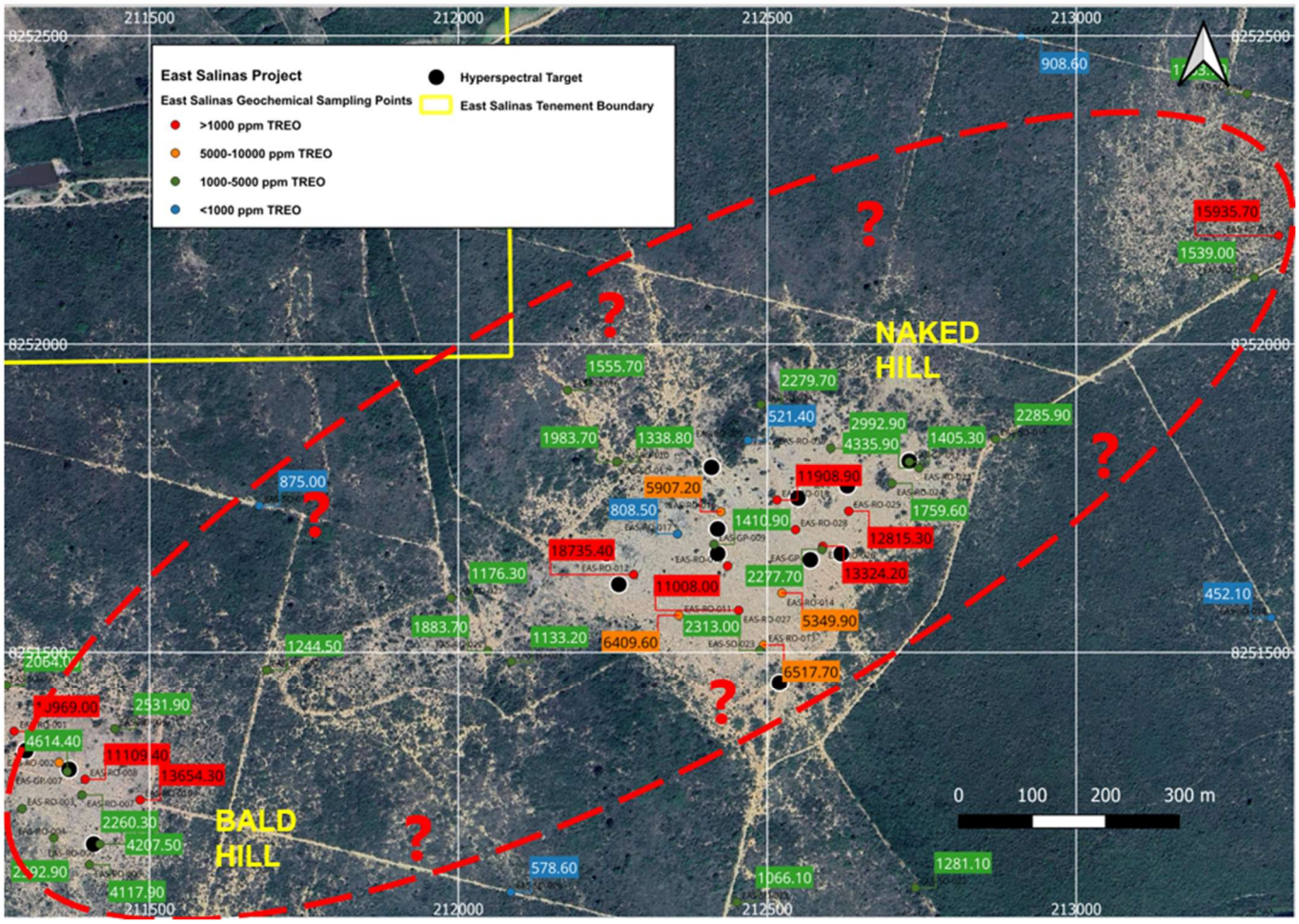

Figure 1: Surface geochemical sample points and anomalous TREO assay results (in ppm) at Bald Hill (west) and Naked Hill (east) and adjoining areas within the East Salinas Medina Intrusive Granite Complex

East Salinas delivered multiple rock-chip samples returning high-grade TREO values exceeding 10,000 ppm. Notable assays (Figure 1) include **1.87% (18,735 ppm) TREO (EAS-RO-012)**, **1.59% (15,935 ppm) TREO (EAS-RO-019)**, and **1.36% (13654 ppm) TREO (EAS-RO-010)**, confirming widespread REE enrichment across key target areas of the Medina Granite Complex. These consistently elevated grades strengthen confidence in the project's scale potential and its positioning as a high-value hard-rock REE discovery.

These results not only validate Enova's exploration model but also support the delineation of priority drill targets. The strong TREO values significantly enhance the project's development potential and position East Salinas as a compelling opportunity in the global rare earths sector.

Field observations, including granite–granodiorite outcrops (Figure 2) from the Medina Intrusive Suite, align with Enova's geological model for REE-hosted hard-rock systems, reinforcing East Salinas as a high-priority discovery opportunity.

Figure 2: Typical granite-granodiorite outcrop of Medina Intrusive suite in East Salinas

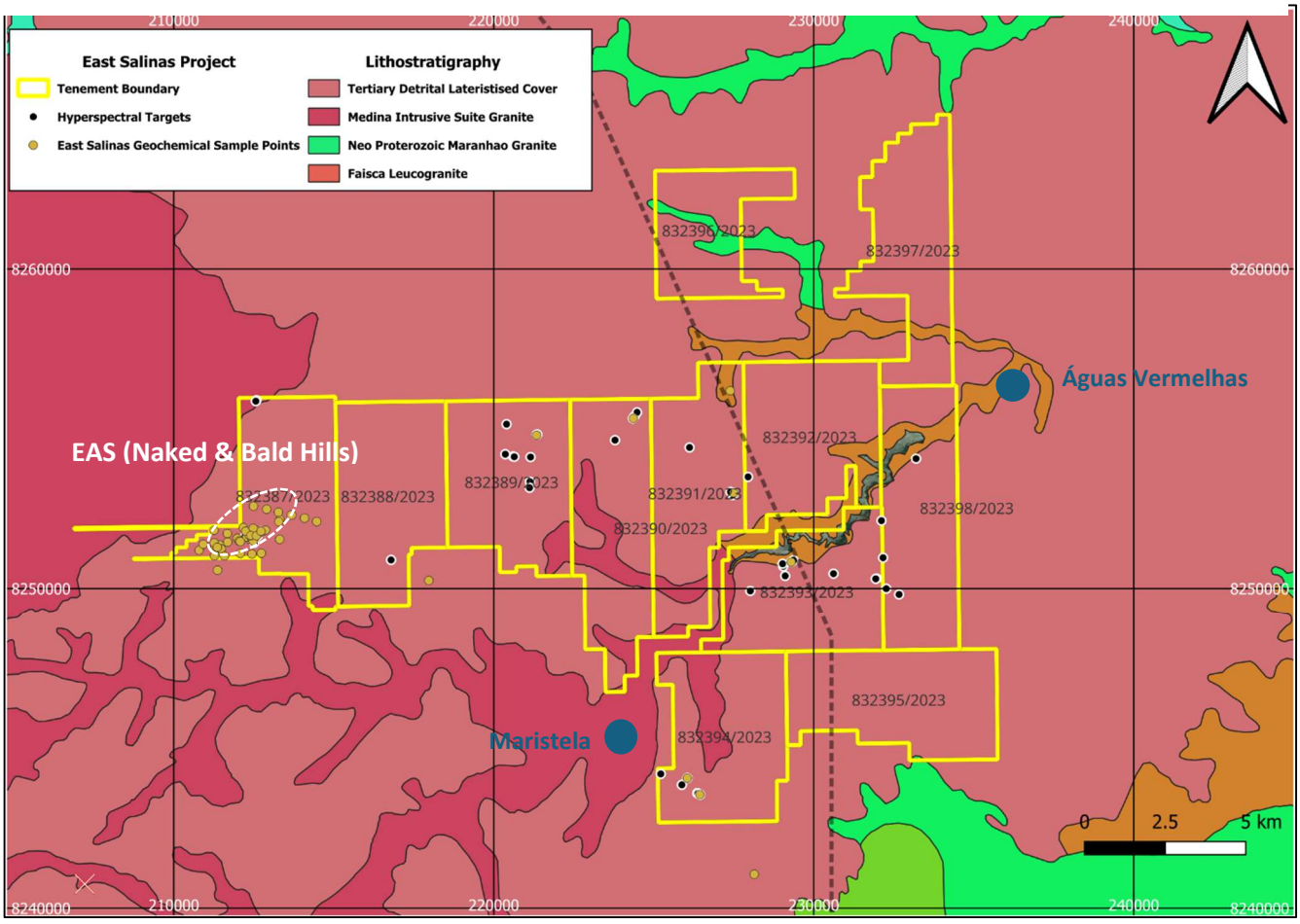

Figure 3: East Salinas tenement package is located on Post Collisional Granite of Brasiliano Orogen

Exceptional NdPr grades highlight magnetic REE potential

East Salinas continues to demonstrate strong magnetic rare earth potential, with standout **neodymium-praseodymium oxide (NdPr%) ratios reach of up to 38.8% of TREO** (Appendix C Table 4A), firmly positioning the project as a future-facing REE asset. Peak **neodymium-praseodymium (NdPr) oxide grades reached 6,804 ppm** (Table 4A), complemented by elevated concentrations of **critical HREOs** and **DyTb oxides** including key elements and components in high-performance magnets used in electric vehicles and renewable energy technologies. These exceptional results reinforce the strategic importance of East Salinas in addressing global demand for magnet REEs.

Naked Hill and Bald Hill emerging as scalable, low-cost REE targets

Two prominent unvegetated granite outcrops **Naked Hill** (50 hectares, Figure 4) and **Bald Hill** (25 hectares) have been identified as high-priority exploration targets, both remaining open along strike and at depth. Field observations reveal **medium to coarse-grained, rare element-enriched leuco-granite** (Figure 5), offering strong potential for low-cost processing. Early indications suggest that a **coarse milling followed by gravity concentration** route may be viable for producing a REE-rich concentrate, with metallurgical test work currently underway. These characteristics position the targets as scalable, near-surface opportunities with promising economics.

Figure 4: Typical pinkish potassic feldspar rich granite at Naked Hill EAS-GP-010 location

Figure 5: Medium to coarse grain light coloured leucogranite at EAS-RO-015

Metallurgical test work supports low-cost processing pathway

CIT Senai is progressing initial phase metallurgical test work at East Salinas, successfully completing Bond Work Index and grinding tests. These results mark a key step in evaluating the project's potential for **low-cost processing using heavy liquid separation (HLS) and tabling trials**, reinforcing the viability of gravity-based concentration methods. The positive progress supports Enova's strategy to develop a scalable, economically efficient REE operation.

Next steps: Advancing towards drilling and preliminary processing studies

Enova will now focus on refining targets through detailed mapping, geochemical analysis, and geophysical surveys to define mineralised zones and prioritise drill-ready targets. Drilling is planned to test potential REE mineralisation at depth and evaluate continuity, with potential for additional metals also under review.

In parallel, Enova is progressing a mineralogical and beneficiation study at CIT Senai in Belo Horizonte. This work will assess processing pathways, including gravity concentration, to upgrade the ore and potentially produce a saleable concentrate supporting a low-impact, cost-effective development strategy.

Tenements/Permits

The title holder of the East Salinas tenements currently is Mineração Paranaí Ltda and registered in Minas Gerai. Mineração Paranaí Ltda will undertake contractual obligations to transfer the title to Enova as soon as the permit is published in the official gazette. Details of the East Salinas tenements are provided in the following table 2, Figure 3.

Licence ID	Area (Ha)	Status	Ownership
832387/2023	1,910.49	Granted	Mineração Paranaí Ltda
832388/2023	1,979.56	Granted	Mineração Paranaí Ltda
832389/2023	1,962.31	Granted	Mineração Paranaí Ltda
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832392/2023	1,978.33	Granted	Mineração Paranaí Ltda
832393/2023	1,920.77	Granted	Mineração Paranaí Ltda
832394/2023	1,970.01	Granted	Mineração Paranaí Ltda
832395/2023	1,984.91	Granted	Mineração Paranaí Ltda
832396/2023	1,266.88	Granted	Mineração Paranaí Ltda
832397/2023	1,824.34	Granted	Mineração Paranaí Ltda
832398/2023	1,971.13	Granted	Mineração Paranaí Ltda
Total	**22706.60**		

Table 2: East Salinas Project tenements Minas Gerais, Brazil

Brazil: A Tier-One Mining Jurisdiction Supporting Long-Term Growth

Brazil offers a stable, low-risk environment for mining investment, underpinned by a well-established and globally competitive resources sector. As a top exporter of iron ore, gold, bauxite, lithium, rare earths and more, Brazil and particularly the states of Minas Gerais and São Paulo recognises mining as a cornerstone of economic development.

The country boasts investor-friendly policies, with no government ownership mandates, minimal interference, and a progressive regulatory framework encouraging exploration and new project development. Brazil's attractive cost structure, highly skilled workforce, advanced mining services sector, and robust infrastructure including proximity to key cities further enhance its status as a prime destination for resource investment.

Other projects

Enova is currently focussed on REE leach recovery test work for the CODA project (Minas Gerais). Enova also remains committed to the development of Charley Creek rare earth project with metallurgical process improvement test work continuing in Brisbane. Exploration work in the East Salinas Medina Intrusive complex awaits available funding to progress.

The Company will also continue to review projects and business opportunities as they arise.

The market will be kept appraised of developments, as required under ASX Listing Rules and in accord with continuous disclosure requirements.

ENDS

The announcement was authorised for release by the Board of Enova Mining Limited.

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About Enova Mining

Enova Mining is a critical minerals exploration and development company with a strategic portfolio of projects across Brazil and Australia, targeting the growing global demand for rare earth elements and battery metals.

The Company's key projects include:

- **The Coda Group of Projects** – prospective for clay-hosted rare earth elements (REE).
- **The Poços de Caldas Project** – a promising ionic adsorption clay REE opportunity.
- **The Charley Creek Project** – prospective for alluvial rare earths, rubidium, and uranium.
- **The Lithium Valley Projects** – including East Salinas, Caraí, Santo Antônio do Jacinto, and Resplendor, all considered prospective for lithium and rare earth elements.

Enova is focused on advancing these high-potential assets through systematic exploration and development to support the global transition to clean energy technologies.

East Salinas Granitic Complex: A Promising Hard-Rock Rare Earth Element (Ree) Discovery In Minas Gerais

- **Emerging High-Grade REE Opportunity:** The East Salinas Granitic Complex, situated within the East Brasiliano Orogen in northern Minas Gerais, has revealed highly anomalous surface geochemical results, with Total Rare Earth Oxides (TREO) grades reaching up to 1.87%. The project also boasts exceptionally high magnetic rare earth content, with NdPr (neodymium + praseodymium) oxide ratio reaching up to 38.8%, an average Heavy Rare Earth Oxide (HREO) ratio around 9.95% and average ytterbium oxide content around 387ppm. These results strongly support the presence of REE-bearing granite and leucogranite units, confirming the potential for high-grade hard-rock REE mineralisation across the project area.
- **Expanding Enova's Strategic Footprint:** East Salinas complements Enova's REE exploration portfolio alongside Juquiá, CODA North, and CODA Central. The project's large-scale tenement coverage and its association with post-collisional granites present multiple zones of interest, including the Bald Hill and Naked Hill targets, supporting further subsurface investigations and resource delineation.
- **Multi-Metal Potential and Geological Richness:** In addition to REEs, East Salinas shows elevated levels of neodymium, niobium, and other high-value elements linked with evolved granitic systems. This opens potential for valuable by-products and broader resource development across the tenement package.
- **Leveraging Brazilian Expertise for Efficient Advancement:** Enova's Brazilian geology team has been instrumental in advancing exploration at East Salinas through detailed mapping, systematic sampling, and field validation. Their expertise ensures efficient progression from surface sampling to future drilling and geophysical surveys.
- **Cost-Conscious Exploration with Strong Growth Potential:** Enova is adopting a disciplined, scalable exploration strategy at East Salinas focused on high-impact outcomes. With significant upside and a large tenement footprint, the project stands out as a cost-effective and potentially transformative REE discovery within Brazil's resource-rich landscape.

The East Salinas project underscores Enova's commitment to building a world-class REE and critical minerals portfolio, combining local geological strength with global technical knowledge to accelerate growth and shareholder value.

Competent Person Statement

The information related to Exploration Targets and Exploration Results is based on data compiled by Subhajit Deb Roy, a Competent Person and Chartered Member of The Australasian Institute of Mining and Metallurgy. Mr Deb Roy is currently working as Exploration Manager with Enova Mining. Subhajit has sufficient experience that is relevant to the style of mineralisation and type of deposits under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Subhajit consents to the inclusion in presenting the matters based on his information in the form.

Forward-looking statements

This announcement contains forward-looking statements which involve several risks and uncertainties. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and assumptions based on currently available information. Should one or more of the risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this announcement. No obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

Precautionary Statement

The exploration results for the East Salinas Project are preliminary in nature and based on surface geochemical sampling, mapping, and early-stage geological interpretation. While initial data indicate the presence of anomalous mineralisation, there has been insufficient exploration to define a Mineral Resource, and it is uncertain if further exploration will result in the delineation of a Mineral Resource. All forward-looking statements, including plans for future exploration and drilling, are subject to various risks, uncertainties, and assumptions. Investors are cautioned not to place undue reliance on these early results, as actual outcomes may differ materially from those anticipated. Resource estimates remain speculative and subject to revision.

Disclaimer

This ASX announcement (Announcement) has been prepared by Enova Mining Limited ("Enova" or "the Company"). It should not be considered as an offer or invitation to subscribe for or purchase any securities in the Company or as an inducement to make an offer or invitation with respect to those securities. No agreement to subscribe for securities in the Company will be entered into on the basis of this Announcement.

This Announcement contains summary information about Enova, its subsidiaries, and their activities, which is current as at the date of this Announcement. The information in this Announcement is of a general nature and does not purport to be complete nor does it contain all the information which a prospective investor may require in evaluating a possible investment in Enova.

By its very nature exploration for minerals is a high-risk business and is not suitable for certain investors. Enova's securities are speculative. Potential investors should consult their stockbroker or financial advisor. There are many risks, both specific to Enova and of a general nature which may affect the future operating and financial performance of Enova and the value of an investment in Enova including but not limited to economic conditions, stock market fluctuations, commodity price movements, regional infrastructure constraints, timing of approvals from relevant authorities, regulatory risks, operational risks and reliance on key personnel.

Certain statements contained in this announcement, including information as to the future financial or operating performance of Enova and its projects, are forward-looking statements that: may include, among other things, statements regarding targets, estimates and assumptions in respect of mineral reserves and mineral resources and anticipated grades and recovery rates, production and prices, recovery costs and results, capital expenditures, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions; are necessarily based upon a number of estimates and assumptions that, while considered reasonable by Enova, are inherently subject to significant technical, business,

economic, competitive, political and social uncertainties and contingencies; and, involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward-looking statements.

Enova disclaims any intent or obligation to update publicly any forward-looking statements, whether because of new information, future events, or results or otherwise. The words 'believe', 'expect', 'anticipate', 'indicate', 'contemplate', 'target', 'plan', 'intends', 'continue', 'budget', 'estimate', 'may', 'will', 'schedule' and similar expressions identify forward-looking statements. All forward-looking statements made in this announcement are qualified by the foregoing cautionary statements. Investors are cautioned that forward-looking statements are not guarantee of future performance and accordingly investors are cautioned not to put undue reliance on forward-looking statements due to the inherent uncertainty therein. No verification: although all reasonable care has been undertaken to ensure that the facts and opinions given in this Announcement are accurate, the information provided in this Announcement has not been independently verified

APPENDIX A

JORC TABLE 1

Section 1 - Sampling Techniques and Data

<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td>Sampling techniques</td><td>

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.
Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.
Aspects of the determination of mineralisation that are Material to the Public Report.
In cases where 'industry standard' work has been done this would be relatively simple (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.

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East Salinas Project Surface sampling Program:
East Salinas Project consists of following tenements where the areas were sampled at the outcrops and soils surfaces within the tenement by cutting channels, breaking rock chips and digging pit.
<table>
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</table>
Sampling was conducted on and around hyperspectral targets, collecting material from the first 1 to 30 cm below ground surface using a geological hammer and hand shovel. In most locations, a thin organic soil layer was observed, overlying Granite and granodiorite lithology.
Soil Sampling Methodology:
Samples are collected from a depth of 1–20 cm along traverses with variable spacing (100 m, 200 m, 300 m or more), with sampling stations spaced 10–20 m apart. Approximately 250 grams of unsieved soil is placed in labelled paper bags, though coarser material is typically discarded. Extensive metadata is recorded at each site.
Rock-Chip Sampling Methodology:
Random grab samples of rock chips are collected as specimen samples from areas identified by field geologists as geologically significant. Sample weights typically range from 0.5 to 3 kg.
Metadata Documentation:
For each sample (soil and rock-chip), detailed metadata is recorded (Table 4D), including:

Outcrop types
Soil types
Lithological descriptions

Additional notes and photographs are taken as needed. Each sample is timestamped, and the sampler's details are logged in
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		the **field database**. Each sampling site was carefully documented and photographed to provide a visual record for future reference. These photographs serve as an important tool for verifying the context of the samples and for aiding in the interpretation of the results. **Sample Provenance:** Metadata also records whether rock-chip samples were collected **in situ**. This same pattern was also observed in regional soil profiles exposed along road cuts. The average starting depth for sampling was 25 cm, although in some locations, it was necessary to dig over 50 cm to reach the deeper horizon. Rock samples were collected along with mapping and soil sampling activities. The sampling was conducted through chip sampling of outcrops and soil sampling based on visual inspection. Portions of fragments were randomly selected within the outcrop area to ensure the sample was representative of the rock outcrops. Superficial weathered parts, as well as adhered roots and moss, were removed. The process involved thoroughly cleaning and preparing the outcrops to ensure that the samples accurately represent the in-situ geological conditions. **Comments on representivity** The systematic approach to sampling, combined with the thorough documentation, ensures that the data collected is robust and reliable. Samples were collected from outcrops in East Salinas Medina Intrusive Complex. All samples were sent for preparation to the contracted laboratories, SGS Geosol in Vespasiano, MG, Brazil. **Comments on Hyperspectral study:** Dr. Neil Pendock conducted advanced remote sensing analysis focused on identifying spectral signatures indicative of rare element enrichment within the complex pegmatite systems and granites of the region. Sentinel-2 satellite visible/near-infrared (VNIR) and shortwave infrared (SWIR) imagery have been interpreted across the East Salinas area, enhancing the identification of alteration minerals associated with rare elements enriched zones. Hyperspectral targets are listed in Table 5. No drilling was conducted so far in the tenement area. Hence not applicable
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube,*	**Drilling** No drilling was conducted so far in the tenement area. Hence not applicable.

	depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	**Drilling** No drilling was conducted so far in the tenement area. Hence not applicable.
Logging	• *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.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	**Drilling** No drilling was conducted so far in the tenement area. Hence not applicable
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all cores taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality, and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are*	**Sample preparation** Samples are weighed. Wet samples are dried for several days on rubber mats. Dried samples are screened (5mm). Samples were prepared by using riffle splitter/coning and quartering method and homogeneously reduced. Finally, a 1-2 kg sample was sent to the lab, SGS Geosol laboratory in Minas Gerais. OREAS 460 Standard Reference Material, Blanks and Duplicates were used for QA/QC purposes are inserted approximately every 20 samples using quarter core for QA/QC procedures The samples were placed in labelled plastic bags and in the process of dispatching to SGS Geosol laboratory in Vespasiano. **Sample Preparation in SGS Laboratory** At the lab, SGS-Geosol commercial laboratory, in Vespasiano, the samples are dried at 60^0 or 105^0 C, 75% material crushed to a nominal 3mm using a jaw crusher before being split using Jones riffle splitter for pulverising. The aliquots are pulverised to a nominal >95% of 300g passing 150 micron for which a 100g sample is then selected for analysis.

	appropriate to the grain size of the material being sampled.	A spatula is used to sample from the pulverised sample for digestion. **Quality Control** The laboratory follows strict quality control procedures, ensuring the accuracy and precision of the assay data. Internally, the laboratory uses duplicate assays, standards, and blanks to maintain quality.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.*	Samples are analysed at the SGS Geosol laboratory in batches of approximately 50 samples including control samples (duplicate, blank, and standards). Industry standard protocols are used by SGS-Geosol to prepare samples for analysis. Samples are dried, and a sub sample of 300g was pulverised. For rare earth element analysis, samples are prepared with lithium/Metaborate fusion and are analysed by Inductively Coupled Plasma Mass Spectrometry (ICP-MS) or Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES). SGS Geosol detection limits of major oxides and minor and trace elements are given below 3.1) ICP95A Determinação por Fusão com Metaborato de Lítio - ICP OES PM-000003/3 Al2O3 0,01 - 75 (%) Ba 10 - 100000 (ppm) CaO 0,01 - 60 (%) Cr2O3 0,01 - 10 (%) Fe2O3 0,01 - 75 (%) K2O 0,01 - 25 (%) MgO 0,01 - 30 (%) MnO 0,01 - 10 (%) Na2O 0,01 - 30 (%) P2O5 0,01 - 25 (%) SiO2 0,01 - 90 (%) Sr 10 - 100000 (ppm) TiO2 0,01 - 25 (%) V 5 - 10000 (ppm) Zn 5 - 10000 (ppm) Zr 10 - 100000 (ppm) 3.2) IMS95A Determinação por Fusão com Metaborato de Lítio - ICP MS PM-000003/3 Ce 0,1 - 10000 (ppm) Co 0,5 - 10000 (ppm) Cs 0,05 - 1000 (ppm) Cu 5 - 10000 (ppm) Dy 0,05 - 1000 (ppm) Er 0,05 - 1000 (ppm) Eu 0,05 - 1000 (ppm) Ga 0,1 - 10000 (ppm) Gd 0,05 - 1000 (ppm) Hf 0,05 - 500 (ppm) Ho 0,05 - 1000 (ppm) La 0,1 - 10000 (ppm) Lu 0,05 - 1000 (ppm) Mo 2 - 10000 (ppm) Nb 0,05 - 1000 (ppm) Nd 0,1 - 10000 (ppm) Ni 5 - 10000 (ppm) Pr 0,05 - 1000 (ppm) Rb 0,2 - 10000 (ppm) Sm 0,1 - 1000 (ppm) Sn 0,3 - 1000 (ppm) Ta 0,05 - 10000 (ppm) Tb 0,05 - 1000 (ppm) Th 0,1 - 10000 (ppm) Tl 0,5 - 1000 (ppm) Tm 0,05 - 1000 (ppm) U 0,05 - 10000 (ppm) W 0,1 - 10000 (ppm) Y 0,05 - 10000 (ppm) Yb 0,1 - 1000 (ppm) QA/QC samples are included amongst the submitted samples. Both standards, duplicates and blank QA/QC samples were inserted in the sample stream. Oreas 460 and Oreas 461 samples sent from Australia which was used in 12gm package as certified reference material at an interval every 15-20 samples. The assays were done using ICP MS, ICP AES after Fusion with Lithium Metaborate - ICP MS for major Oxides.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay*	Enova's professional geologist team led by Fernando Moya, has reviewed the data collated and compared it with electronic copies to verify the accuracy. Assay data, in electronic form, is checked to verify the data files are correctly handled in spreadsheets where calculations are needed. Field geological data was recorded in the field notebook and then typed into a spreadsheet for subsequent import to a database. No drilling update is reported in the current announcement. The assay data of surface geochemical samples has been added

	data.	in Appendix C Table 4A, 4B and 4C and assay data is received in spreadsheet form from the laboratory Assay data is received in spreadsheet format from the laboratory. The assay data of Rare Earth Element has been converted into Rare Earth Oxide (Refer to Section 2 of JORC table "Data Aggregation Method)
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	The Sample Point locations were picked up using a Garmin handheld GPS. Datum for all sitework is considered SIRGAS 2000, Zone 23 South or WGS 84 UTM Zone 23J (Appendix 1, Table 2). The error in the handheld GPS is around ±3m. This universal grid system facilitates consistent data interpretation and integration with other geospatial datasets. The locations of rock chip and soil sample points are listed in the Appendix -B Table 3. The locations of hyperspectral targets are listed Appendix D, Table 5 Topographic Control: No topographic survey was conducted
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	The average spacing between adjacent sample points are variable, varied according to the location of hyperspectral targets. The spacing is appropriate to the scale of tenements and variation in geology of zoned complex. No Mineral Resource and Ore Reserve Estimation was undertaken. Compositing: No drilling was conducted so far in the tenement area. Hence not applicable
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	No drilling was conducted so far in the tenement area. Hence not applicable.
Sample security	• *The measures taken to ensure sample security.*	All samples collected by field technicians were meticulously packed in labelled plastic bags. They were then transported directly to the SGS-GEOSOL, Vespasiano in Minas Gerais, Brazil. The samples were secured during transit to prevent tampering, contamination, or loss. A chain of custody was maintained from the field to the laboratory, with proper documentation

		accompanying each batch to ensure transparency and traceability throughout the sampling process. Utilising a reputable laboratory further ensures the security and integrity of the assay results.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	The site is attended by Enova's Brazilian professional geologist team to carry out, inspect sampling procedures, verify the sampling protocols, secure the transport and storage of samples, verification geological records, review QAQC procedures.

Section 2 - Reporting of Exploration Results

<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td>Mineral tenement and land tenure status</td><td>• Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.
• The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</td><td>The tenements (Figure3) are held by Mineração Paranai Ltda, who filled transfer documents in favour of Rafael Mottin, at the ANM, Brazil's National mining authority. The tenements are in the process of transfer to Enova Mining Limited ("100%").
The current exploration is conducted in multiple tenements in East Salinas near Maristella town and in the tenements.
There is no issue with the tenement holding and it's good standing known to Enova Mining.
Details of the East Salinas tenements are given in Table 2 and Figure 3
<table><tr><th>Licence ID</th><th>Area (Ha)</th><th>Status</th><th>Ownership</th></tr><tr><td>832387/2023</td><td>1,910.49</td><td>Granted</td><td>Mineração Paranaí Ltda</td></tr><tr><td>832388/2023</td><td>1,979.56</td><td>Granted</td><td>Mineração Paranaí Ltda</td></tr><tr><td>832389/2023</td><td>1,962.31</td><td>Granted</td><td>Mineração Paranaí Ltda</td></tr><tr><td>832390/2023</td><td>1,984.08</td><td>Granted</td><td>Mineração Paranaí Ltda</td></tr><tr><td>832391/2023</td><td>1,953.79</td><td>Granted</td><td>Mineração Paranaí Ltda</td></tr><tr><td>832392/2023</td><td>1,978.33</td><td>Granted</td><td>Mineração Paranaí Ltda</td></tr><tr><td>832393/2023</td><td>1,920.77</td><td>Granted</td><td>Mineração Paranaí Ltda</td></tr><tr><td>832394/2023</td><td>1,970.01</td><td>Granted</td><td>Mineração Paranaí Ltda</td></tr><tr><td>832395/2023</td><td>1,984.91</td><td>Granted</td><td>Mineração Paranaí Ltda</td></tr><tr><td>832396/2023</td><td>1,266.88</td><td>Granted</td><td>Mineração Paranaí Ltda</td></tr><tr><td>832397/2023</td><td>1,824.34</td><td>Granted</td><td>Mineração Paranaí Ltda</td></tr><tr><td>832398/2023</td><td>1,971.13</td><td>Granted</td><td>Mineração Paranaí Ltda</td></tr><tr><td>Total</td><td>22706.60</td><td></td><td></td></tr></table></td></tr>
<tr><td>Exploration done by other parties</td><td>• Acknowledgment and appraisal of exploration by other parties.</td><td>East Salinas Medina Intrusive complex project site was not earlier explored by any agency. However, the data such as geological map and geophysical maps in SGB (Geological Survey of Brazil) website covers the area regionally including East Salinas Medina Intrusive complex project tenements</td></tr>
<tr><td>Geology</td><td>• Deposit type, geological setting and style of mineralisation.</td><td>The Medina Intrusive Suite in the East Salinas Project comprises the Granito Maristela, a large I-type granitic batholith covering ~1,150 km^2. This metaluminous, porphyritic granite exhibits a coarse-grained matrix of quartz, pink K-feldspar, biotite, and allanite, with megacrysts of euhedral feldspar (2–3 cm). It hosts xenoliths of schist and gneiss (e.g., syenitic, tonalitic, and peraluminous varieties) near contacts with the Salinas Formation. The granite forms prominent pão-de-açúcar (sugarloaf) hills, such as Serra do Anastácio (1,430 m), contrasting with the adjacent Detrito-Lateritic Cover (750–900 m), a Tertiary to recent pediment surface with thick saprolite.
Structurally, the area is divided into two domains:
1. Older Metasedimentary Domain: Includes the Macaúbas Group (Salinas and Nova Aurora formations), kinzigitic gneisses, and S-type Granito Pajeú, with E-W-trending foliations and fold axes attributed to Brasiliano compression.
2. Younger Granitic Domain: Dominated by post-tectonic I-</td></tr>
</table>

		type granites (Maristela and Água Branca). The Maristela batholith caused centripetal foliation in surrounding schists ("ballooning" during emplacement) and exhibits NNE to NE fracture trends controlling local drainage (e.g., Mosquito and Urubu rivers). The complex reflects Brasiliano orogenic magmatism, with the Maristela granite intruding and thermally reworking older crustal rocks. Its high relief and isotropic texture contrast sharply with the flattened morphology of the metasedimentary domain The REE results are surface signatures of potential mineralisation. Style of potential mineralisation is hard rock Rare Element enrichment. The depth and strike extension would only be established through further exploration
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* • *easting and northing of the drill hole collar* • *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* • *dip and azimuth of the hole* • *down hole length and interception depth* • *hole length.* • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	The data and information of about the sample points are given below, Easting Northing and Elevation of the sample points are given in the Appendix B Table 3 The assay results are included in Appendix C Table 4A and 4B No drilling was conducted so far in the tenement area. Hence other information such as dip, azimuth, downhole length, intercepts are not applicable
Data aggregation	• *In reporting Exploration Results, weighting averaging techniques,*	The Assay data has been compiled in the Assay table and TREO and NdPr% are given in the Appendix C, Table 4A and 4B. The database has been compiled as per industry standard practices

methods	*maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	and for the use of resource modelling in the next stage. The conversion of Total Rare Earth Oxide (TREO) will be calculated using standard conversion table as mentioned below. The conversion of elemental assay results to expected common rare earth oxide products, uses conversion factors applied relating to the atomic composition of common rare earth oxide sale products. The following calculation for TREO provides REE to RE oxide conversion factors and lists the REE included: TREO= (Ce*1.23) +(Dy*1.15) +(Er*1.14) +(Gd*1.15) +(Ho*1.15) +(La*1.17) +(Lu*1.14) +(Nd*1.17) +(Pr*1.21) +(Sm*1.16) +(Tb*1.18) +(Tm*1.14) +(Y*1.27) +(Yb*1.14) There is no aggregate intercept reported as no drilling was done.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	No drilling was conducted so far in the tenement area. Hence not applicable

Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	The data provided in this report aids readers in comprehending the information more effectively. The document includes various diagrams and supplementary details, which enhance the clarity and accessibility of the geological findings and exploration results. Please refer to the Figure 1 to 5 for geology, rock type, magnetic anomaly tenement, sampling procedure related data and information. Figure 1 shows sample points and figure 3 shows the East Salinas tenement along with neighbouring tenements.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	The data presented in this report aims to offer a transparent and comprehensive overview of the exploration activities and findings. All data have been listed in table 4A, 4B, 4C. It thoroughly covers information on sampling techniques, geological context, prior exploration work, and assay results. Relevant cross-references to previous announcements are included to ensure continuity and clarity. Diagrams, such as sample point plan and tenements maps and tables, are provided to facilitate a deeper understanding of the data. Additionally, the report distinctly mentions the source of the samples, whether from olivine clinopyroxene, olivine alkaline gabbro, nepheline syenite litho units to ensure a balanced perspective. This report represents the exploration activities and findings without any undue bias or omission.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	The report includes hyperspectral targets, geochemical survey assay results and regional geology descriptions. There is no additional substantive, relevant and significant exploration data to report currently.
Further work	• *The nature and scale of planned further work (eg tests for lateral*	In the current stage, geochemical surface sampling is focused on systematically mapping and surface sampling to identify in any potential anomalous zone of target mineralisation. In the next

	extensions or depth extensions or large-scale step-out drilling). • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive*	stage detail geological mapping, geophysical survey and test drilling may be undertaken to test the targets, reducing geological uncertainty and in order to improve the confidence and accuracy of the target definition. Diagrams and figures in the current document are highlighting the outcomes of surface sampling and identify high anomalous zones.

Appendix B: The location of sample points presented in the current release

Sample Points	Project	East	North	Elev	Datum	Zone	Sample Type
EAS-RO-001	East Salinas	211281	8251371	934.69	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-002	East Salinas	211354	8251321	943.72	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-003	East Salinas	211294	8251247	948.12	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-004	East Salinas	211345	8251200	952.53	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-005	East Salinas	211403	8251157	953.99	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-006	East Salinas	211420	8251190	952.82	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-007	East Salinas	211391	8251269	948.82	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-008	East Salinas	211396	8251294	945.89	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-009	East Salinas	211444	8251375	935.27	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-010	East Salinas	211485	8251261	943.66	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-011	East Salinas	212357	8251560	936.73	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-012	East Salinas	212284	8251626	932.11	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-013	East Salinas	212494	8251512	929.2	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-014	East Salinas	212524	8251596	937.35	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-015	East Salinas	212436	8251640	945.81	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-016	East Salinas	212425	8251728	938.75	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-017	East Salinas	212355	8251692	936.12	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-018	East Salinas	212516	8251747	945.44	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-019	East Salinas	213328	8252176	917.10	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-020	East Salinas	212257	8251809	911.45	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-021	East Salinas	211988	8251588	908.48	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-022	East Salinas	212048	8251502	916.06	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-023	East Salinas	212746	8251799	931.91	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-024	East Salinas	212702	8251774	936.47	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-025	East Salinas	212632	8251729	940.21	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-026	East Salinas	212590	8251672	937.82	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-027	East Salinas	212454	8251568	940.51	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-028	East Salinas	212546	8251699	943.17	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-029	East Salinas	212469	8251844	930.36	WGS84/Sirgas2000	24S	Rock Chip
EAS-RO-030	East Salinas	212603	8251831	936.09	WGS84/Sirgas2000	24S	Rock Chip

EAS-SO-001	East Salinas	211373	8250591	939.69	WGS84/Sirgas2000	24S	Soil
EAS-SO-002	East Salinas	211277	8251040	944.07	WGS84/Sirgas2000	24S	Soil
EAS-SO-003	East Salinas	210797	8251213	914.73	WGS84/Sirgas2000	24S	Soil
EAS-SO-004	East Salinas	210927	8251403	921.51	WGS84/Sirgas2000	24S	Soil
EAS-SO-005	East Salinas	211269	8251446	929.64	WGS84/Sirgas2000	24S	Soil
EAS-SO-006	East Salinas	211587	8251035	940.77	WGS84/Sirgas2000	24S	Soil
EAS-SO-007	East Salinas	212498	8252593	872.3	WGS84/Sirgas2000	24S	Soil
EAS-SO-008	East Salinas	212911	8252499	887.61	WGS84/Sirgas2000	24S	Soil
EAS-SO-009	East Salinas	213277	8252406	898.22	WGS84/Sirgas2000	24S	Soil
EAS-SO-010	East Salinas	214456	8252112	893.09	WGS84/Sirgas2000	24S	Soil
EAS-SO-011	East Salinas	214073	8252220	910.78	WGS84/Sirgas2000	24S	Soil
EAS-SO-012	East Salinas	213672	8252318	905.25	WGS84/Sirgas2000	24S	Soil
EAS-SO-013	East Salinas	213289	8252108	915.6	WGS84/Sirgas2000	24S	Soil
EAS-SO-014	East Salinas	213316	8251556	899.52	WGS84/Sirgas2000	24S	Soil
EAS-SO-015	East Salinas	212870	8251846	921.99	WGS84/Sirgas2000	24S	Soil
EAS-SO-016	East Salinas	212177	8251925	906.06	WGS84/Sirgas2000	24S	Soil
EAS-SO-017	East Salinas	212257	8251809	911.45	WGS84/Sirgas2000	24S	Soil
EAS-SO-018	East Salinas	211262	8251839	894.88	WGS84/Sirgas2000	24S	Soil
EAS-SO-019	East Salinas	211678	8251738	903.68	WGS84/Sirgas2000	24S	Soil
EAS-SO-020	East Salinas	211690	8251471	922.03	WGS84/Sirgas2000	24S	Soil
EAS-SO-021	East Salinas	212086	8251485	917.29	WGS84/Sirgas2000	24S	Soil
EAS-SO-022	East Salinas	212740	8251120	887.86	WGS84/Sirgas2000	24S	Soil
EAS-SO-023	East Salinas	212488	8251503	927.78	WGS84/Sirgas2000	24S	Soil
EAS-SO-024	East Salinas	212490	8251902	920.49	WGS84/Sirgas2000	24S	Soil
EAS-SO-025	East Salinas	212451	8251097	897.92	WGS84/Sirgas2000	24S	Soil
EAS-SO-026	East Salinas	212085	8251113	909.55	WGS84/Sirgas2000	24S	Soil
EAS-GP-001	East Salinas	226433	8243552	802	WGS84/Sirgas2000	24S	Rock Chip/Soil
EAS-GP-004	East Salinas	226038	8244069	829	WGS84/Sirgas2000	24S	Rock Chip/Soil
EAS-GP-007	East Salinas	211367	8251306	945	WGS84/Sirgas2000	24S	Rock Chip/Soil
EAS-GP-009	East Salinas	212414	8251675	943	WGS84/Sirgas2000	24S	Rock Chip/Soil
EAS-GP-010	East Salinas	212589	8251667	937	WGS84/Sirgas2000	24S	Rock Chip/Soil
EAS-GP-011	East Salinas	212730	8251809	931	WGS84/Sirgas2000	24S	Rock Chip/Soil
EAS-GP-013	East Salinas	217960	8250266	861	WGS84/Sirgas2000	24S	Rock Chip/Soil
EAS-GP-016	East Salinas	221329	8254816	899	WGS84/Sirgas2000	24S	Rock Chip/Soil

EAS-GP-020	East Salinas	224353	8255339	925	WGS84/Sirgas2000	24S	Rock Chip/Soil
EAS-GP-022	East Salinas	227381	8256207	805	WGS84/Sirgas2000	24S	Rock Chip/Soil
EAS-GP-025	East Salinas	227489	8253010	878	WGS84/Sirgas2000	24S	Rock Chip/Soil
EAS-GP-027	East Salinas	229290	8250843	787	WGS84/Sirgas2000	24S	Rock Chip/Soil
EAS-GP-030	East Salinas	228133	8241069	818	WGS84/Sirgas2000	24S	Rock Chip/Soil

Table 3: Sample Point Locations

Appendix C: Assay Results and Lithological Descriptions

Sample Points	La2O3ppm	CeO2 ppm	Pr6O11ppm	Nd2O3ppm	Sm2O3ppm	Eu2O3ppm	Gd2O3ppm	Tb4O7ppm	Dy2O3ppm	Ho2O3ppm	Er2O3ppm	Tm2O3ppm	Yb2O3ppm	Lu2O3ppm	Y2O3ppm	TREO Inc Y2O3ppm	NdPr%	HREO%
EAS-RO-001	5,625.4	1,010.2	852.0	2,532.9	311.8	65.0	187.5	19.3	79.7	11.7	23.4	2.8	230.1	1.7	15.5	10,969.0	32.8	5.80
EAS-RO-002	2,593.8	879.3	429.7	1,247.7	153.8	30.5	76.4	8.6	39.4	6.2	13.9	1.8	161.9	1.3	11.8	5,656.1	31.6	6.22
EAS-RO-003	1,362.5	1,319.0	240.0	674.6	91.6	17.5	42.1	4.6	20.5	3.0	7.0	0.9	86.2	0.7	6.4	3,876.6	24.8	4.87
EAS-RO-004	847.9	651.2	111.6	340.2	43.8	9.1	31.9	3.7	21.6	5.1	16.5	2.5	289.0	2.3	16.6	2,392.9	22.6	16.64
EAS-RO-005	1,459.4	1,470.0	242.2	686.4	84.4	17.7	41.4	4.6	22.0	3.4	8.2	1.2	68.0	0.9	8.3	4,117.9	23.6	4.26
EAS-RO-006	1,633.2	865.4	347.5	995.6	134.9	25.2	57.0	6.4	28.7	4.2	10.3	1.5	85.9	1.1	10.7	4,207.5	33.8	5.49
EAS-RO-007	940.2	566.6	145.2	411.3	53.6	10.8	29.9	3.3	15.3	2.4	5.7	0.7	69.9	0.5	5.0	2,260.3	26.3	6.35
EAS-RO-008	6,642.6	669.8	754.0	2,221.7	241.7	51.2	172.1	17.9	79.4	11.5	21.7	2.3	209.7	1.3	12.4	11,109.4	28.3	5.22
EAS-RO-009	882.4	829.8	138.3	413.2	54.5	11.8	36.5	4.2	20.7	3.6	8.5	1.0	120.3	0.8	6.4	2,531.9	23.8	8.44
EAS-RO-010	7,191.4	510.3	1,486.0	3,643.4	386.7	72.5	166.9	15.5	53.2	6.3	10.9	1.3	100.1	1.0	8.6	13,654.3	38.8	3.20
EAS-RO-011	3,617.4	513.1	398.6	1,178.7	129.2	27.7	95.1	10.4	52.9	10.0	25.1	2.9	329.8	1.9	16.9	6,409.6	27.0	8.93
EAS-RO-012	9,649.1	891.8	1,969.3	4,834.5	555.0	105.6	266.0	26.6	108.8	15.0	28.4	3.1	261.7	1.9	18.5	18,735.4	38.0	4.46
EAS-RO-013	1,124.9	446.4	73.4	240.2	35.4	10.3	85.9	13.2	111.5	39.7	149.2	20.9	4,042.0	14.4	110.4	6,517.7	16.3	70.54
EAS-RO-014	2,276.8	737.3	480.1	1,367.0	181.4	34.2	74.7	8.5	38.4	5.6	13.3	1.9	116.9	1.4	12.4	5,349.9	36.6	5.74
EAS-RO-015	9,178.5	621.4	713.6	2,199.9	248.4	58.8	265.3	29.5	163.3	36.8	102.6	12.0	2,157.7	7.6	60.7	15,856.1	22.5	18.25
EAS-RO-016	3,762.0	490.9	223.2	667.3	68.9	15.6	82.4	8.8	46.5	10.0	26.6	3.1	482.7	2.3	16.9	5,907.2	17.1	11.76
EAS-RO-017	182.2	390.0	32.2	106.4	17.0	3.6	10.9	1.3	7.0	1.3	3.3	0.5	48.6	0.5	3.7	808.5	19.0	9.97
EAS-RO-018	8,010.6	450.8	723.3	2,040.9	187.0	40.2	137.3	13.8	61.3	9.5	19.2	2.1	199.8	1.3	11.8	11,908.9	24.2	4.17
EAS-RO-019	11,361.8	308.6	751.9	2,484.7	259.6	58.7	237.1	24.3	104.1	14.9	27.2	2.7	284.5	1.4	14.0	15,935.7	21.3	4.83
EAS-RO-020	318.3	765.8	46.5	136.3	17.5	3.3	9.6	1.0	5.8	1.0	2.7	0.4	27.4	0.4	2.8	1,338.8	14.2	4.07
EAS-RO-021	245.0	726.6	37.1	108.6	14.4	3.0	8.0	0.8	4.6	0.8	2.2	0.3	21.6	0.4	2.8	1,176.3	12.9	3.79
EAS-RO-022	777.0	364.7	128.9	385.1	52.8	11.2	32.7	3.9	18.4	3.1	7.3	1.0	90.3	0.8	6.6	1,883.7	30.1	9.30
EAS-RO-023	2,115.4	427.6	170.1	514.3	60.2	14.8	82.5	11.2	70.5	17.0	45.7	4.6	778.7	2.5	20.8	4,335.9	20.8	24.18
EAS-RO-024	643.3	519.5	97.9	296.4	38.7	7.7	24.5	2.7	13.2	2.3	6.3	0.9	100.2	0.7	5.5	1,759.6	24.7	9.31
EAS-RO-025	8,262.7	584.6	855.4	2,430.3	234.2	46.7	140.5	13.5	55.1	7.9	15.5	1.7	155.8	1.1	10.3	12,815.3	26.6	3.50
EAS-RO-026	7,717.0	591.7	1,092.9	3,074.2	322.1	64.9	175.3	17.2	65.7	8.7	15.9	1.8	165.4	1.1	10.3	13,324.2	32.6	3.95
EAS-RO-027	6,466.3	441.1	653.8	2,056.1	259.1	60.2	238.5	25.8	124.8	22.3	46.3	4.0	589.7	1.9	18.2	11,008.0	27.4	10.28
EAS-RO-028	7,738.5	769.6	913.1	2,723.6	308.2	64.5	189.4	18.9	78.8	10.6	20.8	2.4	190.6	1.6	14.6	13,045.2	29.2	4.54
EAS-RO-029	141.0	219.6	23.8	79.3	11.9	2.6	7.7	0.8	4.5	0.7	2.2	0.3	24.6	0.3	2.0	521.4	21.7	8.78
EAS-RO-030	1,396.1	523.4	193.2	574.4	73.5	15.4	43.8	4.9	22.9	3.8	9.4	1.2	122.3	0.9	7.7	2,992.9	27.8	7.76

Table 4A: Significant results of REE anomalies from rock chip samples in East Salinas Medina Intrusive Complex

Sample Points	La2O3ppm	CeO2 ppm	Pr6O11ppm	Nd2O3ppm	Sm2O3ppm	Eu2O3ppm	Gd2O3ppm	Tb4O7ppm	Dy2O3ppm	Ho2O3ppm	Er2O3ppm	Tm2O3ppm	Yb2O3ppm	Lu2O3ppm	Y2O3ppm	TREO Inc Y2O3ppm	NdPr%	HREO%
EAS-SO-001	179.1	1,787.4	28.4	86.5	13.3	2.6	8.9	1.3	7.7	1.4	4.5	0.7	4.4	0.6	47.0	2,174.0	5.5	3.64
EAS-SO-002	103.8	770.2	14.2	44.8	7.8	1.6	5.3	0.8	4.3	0.8	2.5	0.4	2.8	0.4	25.6	985.4	6.3	4.53
EAS-SO-003	50.4	490.5	5.0	15.4	2.8	0.7	2.6	0.5	2.9	0.6	1.9	0.3	2.3	0.3	19.2	595.4	3.6	5.27
EAS-SO-004	52.3	447.7	5.4	16.4	3.0	0.7	2.9	0.5	3.4	0.6	2.1	0.3	2.4	0.3	21.3	559.6	4.2	6.19
EAS-SO-005	422.0	1,230.7	68.6	211.0	31.0	6.1	17.0	2.2	10.8	1.8	5.0	0.8	5.7	0.8	50.6	2,064.0	14.2	4.88
EAS-SO-006	103.2	759.0	12.7	39.4	6.8	1.5	5.2	0.8	4.7	0.9	2.6	0.4	3.0	0.4	27.4	968.1	5.7	4.85
EAS-SO-007	74.5	492.8	8.2	25.0	4.1	0.9	3.9	0.7	4.2	0.9	2.6	0.4	3.1	0.4	26.9	648.5	5.5	6.79
EAS-SO-008	86.4	713.3	10.1	33.2	6.3	1.4	5.1	0.8	5.8	1.2	3.6	0.5	3.6	0.5	36.7	908.6	5.1	6.51
EAS-SO-009	241.4	629.2	38.9	120.1	20.1	4.2	14.0	2.1	11.7	2.2	6.2	0.9	6.4	0.8	65.8	1,163.7	15.2	9.80
EAS-SO-010	39.8	116.1	5.9	17.8	3.5	0.7	3.6	0.7	5.2	1.1	3.2	0.5	3.3	0.4	33.9	235.6	13.0	22.32
EAS-SO-011	44.3	156.6	6.4	20.5	3.2	0.8	3.7	0.7	4.8	1.0	3.1	0.5	3.0	0.5	31.8	280.8	11.7	17.68
EAS-SO-012	129.1	329.9	15.3	43.3	6.7	1.4	6.2	1.1	7.0	1.4	3.9	0.6	4.0	0.5	42.0	592.4	11.2	11.49
EAS-SO-013	175.4	1,169.3	24.9	77.7	12.4	2.6	9.0	1.3	8.2	1.5	4.3	0.7	4.6	0.6	46.3	1,539.0	7.0	5.15
EAS-SO-014	47.6	340.1	5.5	16.7	2.9	0.7	3.1	0.6	3.5	0.8	2.3	0.4	2.4	0.4	25.2	452.1	5.4	8.69
EAS-SO-015	432.4	1,458.6	65.8	199.5	29.0	5.7	16.1	2.0	10.3	1.8	4.9	0.8	5.0	0.7	53.4	2,285.9	12.1	4.41
EAS-SO-016	133.7	1,295.1	19.0	56.5	8.2	1.8	5.6	0.8	4.3	0.8	2.5	0.4	2.7	0.4	23.9	1,555.7	5.0	2.78
EAS-SO-017	394.3	1,258.3	58.9	172.7	22.3	4.4	12.7	1.6	7.8	1.3	3.6	0.5	3.6	0.4	41.0	1,983.7	12.2	3.89
EAS-SO-018	81.0	663.7	10.6	32.7	5.5	1.3	3.9	0.7	3.6	0.8	2.1	0.4	2.3	0.4	20.8	829.8	5.4	4.38
EAS-SO-019	68.5	747.0	7.4	21.7	3.5	0.8	2.8	0.4	2.6	0.5	1.5	0.3	2.0	0.3	15.6	875.0	3.4	3.08
EAS-SO-020	95.0	1,054.2	13.2	40.5	6.4	1.4	4.2	0.6	3.4	0.6	2.1	0.4	2.8	0.4	19.3	1,244.5	4.4	2.84
EAS-SO-021	159.7	822.6	23.6	71.1	10.4	2.1	5.8	0.8	4.4	0.8	2.5	0.4	3.1	0.5	25.3	1,133.2	8.7	4.02
EAS-SO-022	172.7	948.1	23.3	69.6	10.7	2.2	6.8	1.0	5.8	1.0	3.1	0.5	3.3	0.5	32.5	1,281.1	7.6	4.43
EAS-SO-023	674.1	1,043.0	104.6	311.2	42.3	8.6	24.1	2.9	14.6	2.4	6.4	1.0	6.1	0.9	70.8	2,313.0	19.1	5.95
EAS-SO-024	739.0	1,055.1	90.8	259.2	29.6	5.9	17.8	2.1	9.4	1.5	3.8	0.5	3.2	0.4	61.4	2,279.7	16.1	4.65
EAS-SO-025	100.2	870.1	11.6	35.6	5.8	1.3	4.6	0.7	4.1	0.8	2.6	0.4	2.8	0.4	25.1	1,066.1	4.6	4.02
EAS-SO-026	59.1	456.7	6.6	19.6	3.5	0.7	3.0	0.5	3.2	0.6	2.1	0.3	2.2	0.3	20.3	578.6	4.8	5.74

Table 4B: Significant results of REE anomalies from soil samples in East Salinas Medina Intrusive Complex

Sample Points	La2O3ppm	CeO2 ppm	Pr6O11ppm	Nd2O3ppm	Sm2O3ppm	Eu2O3ppm	Gd2O3ppm	Tb4O7ppm	Dy2O3ppm	Ho2O3ppm	Er2O3ppm	Tm2O3ppm	Yb2O3ppm	Lu2O3ppm	Y2O3ppm	TREO Inc Y2O3ppm	NdPr%	HREO%
EAS-GP-001	104.6	167.8	15.7	45.6	6.8	0.8	6.3	0.8	4.5	0.9	2.6	0.4	2.6	0.4	28.5	388.6	18.0	12.35
EAS-GP-004	274.9	535.6	48.1	149.8	24.9	2.1	25.9	3.8	24.4	5.3	16.2	2.4	15.0	2.1	165.8	1,296.2	19.1	20.29
EAS-GP-007	2,249.8	799.9	317.5	883.2	95.0	20.0	69.7	6.7	27.3	4.1	10.1	1.5	8.3	1.1	120.1	4,614.4	27.6	5.83
EAS-GP-009	399.2	647.1	60.7	179.9	24.7	5.6	22.3	2.1	9.4	1.6	3.9	0.6	3.4	0.4	50.1	1,410.9	18.3	7.04
EAS-GP-010	880.8	439.5	193.5	523.4	68.4	13.7	40.2	4.1	17.2	2.8	6.9	1.0	6.1	0.8	79.3	2,277.7	34.0	7.56
EAS-GP-011	394.1	654.8	60.8	180.8	24.4	5.4	22.0	2.0	8.6	1.5	3.7	0.5	3.0	0.4	43.5	1,405.3	18.4	6.44
EAS-GP-013	108.8	209.8	20.6	62.5	9.3	1.6	7.2	0.6	2.0	0.4	1.0	0.2	1.0	0.2	10.2	435.3	20.2	5.59
EAS-GP-016	28.7	73.9	5.3	16.8	3.8	0.4	5.2	1.1	8.3	2.1	6.3	1.0	6.6	1.0	62.5	223.1	17.2	42.35
EAS-GP-020	105.7	230.8	20.0	64.0	11.8	0.9	11.9	1.8	10.1	2.1	5.8	0.9	6.1	0.9	65.4	538.3	19.4	19.69
EAS-GP-022	82.0	147.9	14.6	44.7	6.8	1.5	5.8	0.6	2.3	0.4	0.9	0.1	0.7	0.1	11.7	320.0	20.0	7.51
EAS-GP-025	21.9	49.0	4.6	15.0	3.7	0.4	5.0	1.2	8.7	2.1	6.6	1.1	6.9	1.1	66.7	194.0	20.8	51.42
EAS-GP-027	114.1	233.4	18.1	53.8	9.4	0.9	11.4	2.0	13.2	3.1	9.6	1.6	10.1	1.4	96.4	578.4	16.8	25.88
EAS-GP-030	102.6	173.8	15.3	42.1	4.5	1.4	5.1	0.7	3.8	0.9	2.8	0.6	3.2	0.5	26.4	383.7	17.0	11.83

Table 4C: Significant results of REE anomalies from rock chip/soil regional samples in East Salinas Medina Intrusive Complex

Lithological Descriptions

PROJECT	SAMPLEID	SAMPLE_TYPE	SAMPLE DESCRIPTION
EAST SALINAS	EAS-RO-001	BEDROCK	Fresh rock, withe, slightly pinkish. Medium-grained leuco granite, with ~5% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-002	SAP ROCK	Saprock, slightly weathered; pale pink. Medium-grained leuco granite, with ~5% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-003	SAP ROCK	Saprock, slightly to moderately weathered, pale pink, with 5-10% kaolinite. Medium-grained leuco granite, with ~5% mafic minerals; slightly magnetic
EAST SALINAS	EAS-RO-004	BEDROCK/SAP ROCK	Saprock, slightly weathered; white. Medium-grained leuco granite, with ~5% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-005	SPR	Saprock, moderately weathered; white. Medium-grained leuco granite, with ~5% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-006	SAP ROCK	Saprock, moderately weathered; white. Medium-grained leuco granite, with ~5% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-007	SAP ROCK	Fresh rock, slightly weathered, white. Medium to coarse grained granite, with ~15% mafic minerals; moderately magnetic.
EAST SALINAS	EAS-RO-008	BEDROCK	Fresh rock, white to pale pink. Medium grained granite, with 5-10% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-009	SAP ROCK	Saprock, moderately weathered; white, with >10% kaolinite. Medium-grained leuco granite, with ~5% mafic minerals; not magnetic.
EAST SALINAS	EAS-RO-010	SAP ROCK	Saprock, slightly weathered; white. Medium to coarse grained leuco granite, with ~5% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-011	SAP ROCK	Saprock, slightly weathered; white to pale pink. Medium-grained leuco granite, with ~5% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-012	BEDROCK/SAP ROCK	Fresh rock, slightly weathered; white to pale grey. Medium to coarse grained granite, with 20-30% mafic minerals; highly magnetic.
EAST SALINAS	EAS-RO-013	BEDROCK	Fresh rock, slightly weathered; white to pale pink. Medium to coarse grained leuco granite, with ~5% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-014	SAP ROCK	Fresh rock, white to pale pink. Medium grained leuco granite, with ~5% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-015	BEDROCK	Fresh rock, white to pale pink. Medium grained leuco granite, with ~5% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-016	SAP ROCK	Saprock, slightly weathered; white. Medium grained granite, with 5-10% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-017	BEDROCK	Fresh rock, pale grey, slightly pinkish-yellowish. Medium grained leuco granite, with ~5% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-018	BEDROCK/SAP ROCK	Fresh rock, slightly weathered; pale grey, slightly pinkish. Medium grained granite, with 5-10% mafic minerals; moderately magnetic.
EAST SALINAS	EAS-RO-019	BEDROCK/SAP ROCK	Fresh rock, slightly weathered; pale grey, slightly yellowish. Fine to medium grained granite, with ~5% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-020	SAP	Saprolite, light brown-pinkish. Silty to clayey, not magnetic.
EAST SALINAS	EAS-RO-021	SAP	Saprolite, light brown-pinkish. Sandy to clayey, not magnetic.
EAST SALINAS	EAS-RO-022	SAP ROCK/SAP	Stronlgy weathered saprock to saprolite, white. Very clayey; kaolinite-rich; slightly magnetic.
EAST SALINAS	EAS-RO-023	BEDROCK	Fresh rock, pale grey, slightly pinkish-yellowish. Medium grained granite, with 5-10% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-024	BEDROCK	Fresh rock, pale grey, slightly pinkish-yellowish. Medium grained granite, with 5-10% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-025	BEDROCK/SAP ROCK	Fresh rock, slightly weathered, white, pale grey. Medium grained leuco granite, with ~5% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-026	BEDROCK/SAP ROCK	Fresh rock, slightly weathered, white. Medium grained leuco granite, with ~5% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-027	BEDROCK	Fresh rock, white to pale grey, slightly pinkish. Medium grained granite, with 5-10% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-028	BEDROCK	Fresh rock, pale grey, slightly pinkish. Medium grained granite, with 15-20% mafic minerals; moderately magnetic.
EAST SALINAS	EAS-RO-029	BEDROCK	Fresh rock, white, slightly pinkish. Medium grained leuco granite, with ~5% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-RO-030	BEDROCK/SAP ROCK	Fresh rock, slightly weathered, pale grey, slightly pinkish-yellowish. Medium grained granite, with 5-10% mafic minerals; slightly magnetic.

PROJECT	SAMPLEID	SAMPLE_TYPE	SAMPLE DESCRIPTION
EAST SALINAS	EAS-SO-001	SOIL	Sandy soil. Fine sand (~75%), little silt and clay; reddish brown color
EAST SALINAS	EAS-SO-002	SOIL	Sandy soil. Fine sand (~75%), little silt and clay; light brown color
EAST SALINAS	EAS-SO-003	SOIL	Sandy soil. Fine sand (~50%), moderate silt and clay; dark brown color
EAST SALINAS	EAS-SO-004	SOIL	Sandy soil. Very fine sand (~50%), moderate silt and clay; dark brown color
EAST SALINAS	EAS-SO-005	SOIL	Sandy soil. Fine sand (~75%), little silt and clay; light brown color
EAST SALINAS	EAS-SO-006	SOIL	Sandy soil. Fine sand (~60%), little silt and clay; light brown color
EAST SALINAS	EAS-SO-007	SOIL	Sandy soil. Fine sand (~60%), little silt and clay; light brown color
EAST SALINAS	EAS-SO-008	SOIL	Sandy soil. Fine sand (~60%), little silt and clay; light brown color
EAST SALINAS	EAS-SO-009	SOIL	Sandy soil. Fine sand (~60%), little silt and clay; light brown-orange color
EAST SALINAS	EAS-SO-010	SOIL	Sandy soil. Fine sand (~50%), moderate silt and clay; dark brown color
EAST SALINAS	EAS-SO-011	SOIL	Sandy soil. Fine sand (~50%), moderate silt and clay; dark brown color
EAST SALINAS	EAS-SO-012	SOIL	Sandy soil. Fine sand (~50%), moderate silt and clay; dark brown color
EAST SALINAS	EAS-SO-013	SOIL	Sandy soil. Fine sand (~75%), little silt and clay; light brown color
EAST SALINAS	EAS-SO-014	SOIL	Sandy soil. Fine sand (~50%), moderate silt and clay; dark brown color
EAST SALINAS	EAS-SO-015	SOIL	Sandy soil. Fine sand (~60%), coarse quartz grains (~15%) little silt and clay; reddish brown color
EAST SALINAS	EAS-SO-016	SOIL	Sandy soil. Fine sand (~60%), coarse quartz grains (~15%) little silt and clay; reddish brown color
EAST SALINAS	EAS-SO-017	SOIL	Sandy soil. Fine sand (~60%), coarse quartz grains (~15%) little silt and clay; reddish brown color
EAST SALINAS	EAS-SO-018	SOIL	Sandy soil. Very fine sand (~50%), moderate silt and clay; dark brown color
EAST SALINAS	EAS-SO-019	SOIL	Sandy soil. Very fine sand (~50%), moderate silt and clay; dark brown color
EAST SALINAS	EAS-SO-020	SOIL	Sandy soil. Fine sand (~60%), little silt and clay; reddish brown color
EAST SALINAS	EAS-SO-021	SOIL	Sandy soil. Fine sand (~60%), little silt and clay; reddish brown color
EAST SALINAS	EAS-SO-022	SOIL	Sandy soil. Fine sand (~75%), little silt and less clay; light brown-orange color
EAST SALINAS	EAS-SO-023	SOIL	Sandy soil. Fine sand (~60%), little silt and clay; light brown-orange color
EAST SALINAS	EAS-SO-024	SOIL	Sandy soil. Fine sand (~75%), little silt and less clay; light brown-yellow-orange color
EAST SALINAS	EAS-SO-025	SOIL	Sandy soil. Fine sand (~75%), little silt and less clay; brown-orange color
EAST SALINAS	EAS-SO-026	SOIL	Sandy soil. Fine sand (~75%), little silt and less clay; brown-orange color

PROJECT	SAMPLEID	SAMPLE_TYPE	SAMPLE DESCRIPTION
EAST SALINAS	EAS-GP-001	ROCK	Granitic saprolite; medium-grained texture preserved; strongly oxidized; color varying from white, pink, red, orange.
EAST SALINAS	EAS-GP-004	SOIL	Sandy soil. Fine sand, silt and clay; light brown-orange color.
EAST SALINAS	EAS-GP-007	ROCK	Fresh rock/Saprock, slightly weathered; pale pink. Medium-grained leuco granite, with ~5% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-GP-009	ROCK	Fresh rock/Saprock, slightly weathered; white, slightly pinkish. Medium-grained leuco granite, with ~5% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-GP-010	ROCK	Fresh rock/Saprock, slightly weathered; white, slightly pinkish. Medium-grained leuco granite, with ~5% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-GP-011	ROCK	Fresh rock; pale gray pinkish. Medium-grained leuco granite, with ~5% mafic minerals; slightly magnetic.
EAST SALINAS	EAS-GP-013	ROCK	Fresh rock; white to pale gray, slightly pinkish. Fine to medium-grained leuco granite, with <5% mafic minerals; not magnetic.
EAST SALINAS	EAS-GP-016	SOIL	Sandy-silty soil. Very fine sand, silt and clay; light brown-orange color.
EAST SALINAS	EAS-GP-020	SOIL	Sandy soil. Fine sand, silt and clay; brown color.
EAST SALINAS	EAS-GP-022	ROCK	This point was not a hyperspectral target. Geological point for control purposes. Fine grained leuco granite with pegmatitic/migmatitic veins and pocke
EAST SALINAS	EAS-GP-025	SOIL	Sandy-silty soil. Very fine sand, silt and clay; light brown-orange color.
EAST SALINAS	EAS-GP-027	SOIL	Sandy-silty soil. Fine sand, silt and clay; dark brown-orange color.
EAST SALINAS	EAS-GP-030	ROCK	Not a hyperspectral target. Artisanal granite quarry. Fresh rock, white, slightly pinkish. Medium grained leuco granite, with <5% mafic minerals; not mag

Table 4D: Lithological descriptions of rock chip/soil samples and regional samples in East Salinas Medina Intrusive Complex

Appendix D: Hyperspectral Targets

Target Number	Latitude	Longitude	Value
Target 1	-15.7972	-41.6843	100
Target 2	-15.7963	-41.6824	96.0773
Target 3	-15.7969	-41.6843	92.1102
Target 4	-15.7973	-41.6829	91.2395
Target 5	-15.7972	-41.6825	88.9693
Target 6	-15.7964	-41.6831	85.825
Target 7	-15.8673	-41.5582	80.1917
Target 8	-15.8013	-41.6938	78.2329
Target 9	-17.3529	-41.643	77.043
Target 10	-15.8003	-41.6942	77.0031
Target 11	-15.7696	-41.6009	76.9669
Target 12	-17.2989	-41.6283	76.9259
Target 13	-15.7867	-41.5437	76.8364
Target 14	-15.7823	-41.5394	76.7008
Target 15	-15.8114	-41.5022	76.3414
Target 16	-15.7589	-41.6823	76.1577
Target 17	-17.3255	-41.5877	75.9045
Target 18	-15.7977	-41.6858	75.5305
Target 19	-15.7951	-41.5006	75.4845
Target 20	-15.7829	-41.603	75.3696
Target 21	-17.3274	-41.5881	75.2381
Target 22	-17.2979	-41.6291	74.5879
Target 23	-15.7737	-41.5563	74.5102
Target 24	-15.8115	-41.5025	74.4439
Target 25	-17.2731	-41.7372	74.3048
Target 26	-19.3436	-41.2633	74.2955
Target 27	-15.7695	-41.6007	74.2155
Target 28	-15.7651	-41.5726	73.9721
Target 29	-16.5586	-40.3158	73.8224
Target 30	-17.273	-41.5876	73.8207

Target 31	-17.3398	-41.6138	73.6018
Target 32	-15.7959	-41.6814	73.5906
Target 33	-15.8077	-41.5294	73.4481
Target 34	-15.7665	-41.6096	73.4045
Target 35	-17.3274	-41.5833	73.3653
Target 36	-15.8064	-41.5271	73.2084
Target 37	-15.8045	-41.6438	73.036
Target 38	-17.3213	-41.5874	73.0131
Target 39	-17.3257	-41.6343	72.91
Target 40	-15.7757	-41.6079	72.7991
Target 41	-15.7873	-41.5439	72.4994
Target 42	-16.4633	-40.3321	72.4801
Target 43	-15.7758	-41.6075	72.2992
Target 44	-16.462	-40.3359	72.2884
Target 45	-15.796	-41.6844	72.2167
Target 46	-15.866	-41.5659	72.1079
Target 47	-17.3681	-41.6425	72.0424
Target 48	-17.3644	-41.5886	72.0139
Target 49	-15.8145	-41.5391	71.9678
Target 50	-15.7972	-41.686	71.8591
Target 51	-16.4645	-40.3347	71.834
Target 52	-15.7714	-41.578	71.6966
Target 53	-17.3369	-41.6016	71.6497
Target 54	-17.2808	-41.5927	71.586
Target 55	-15.8716	-41.5553	71.5847
Target 56	-15.8717	-41.5551	71.5847
Target 57	-15.7777	-41.4903	71.476
Target 58	-15.775	-41.6101	71.454
Target 59	-17.3479	-41.6114	71.3744
Target 60	-17.2974	-41.6207	71.3627
Target 61	-17.3035	-41.6866	71.3475
Target 62	-15.8	-41.6948	71.3014
Target 63	-16.489	-40.3472	71.232
Target 64	-15.7646	-41.5722	71.1366

Target 65	-15.872	-41.5545	71.0118
Target 66	-17.3188	-41.6243	70.8598
Target 67	-17.3008	-41.6433	70.3914
Target 68	-16.4952	-40.2327	70.338
Target 69	-16.4631	-40.2509	70.1955
Target 70	-15.7636	-41.5715	70.1813
Target 71	-15.7991	-41.6834	69.9369
Target 72	-16.4652	-40.3424	69.9368
Target 73	-15.7653	-41.5727	69.8703
Target 74	-15.7864	-41.5446	69.8601
Target 75	-17.2793	-41.7262	69.6618
Target 76	-16.4589	-40.3256	69.6446
Target 77	-17.2804	-41.5917	69.6337
Target 78	-15.8099	-41.5148	69.6101
Target 79	-15.8069	-41.5296	69.421
Target 80	-17.3042	-41.585	69.378
Target 81	-15.8143	-41.4995	69.3279
Target 82	-17.2712	-41.5851	69.2761
Target 83	-15.8692	-41.5598	69.2529
Target 84	-16.4511	-40.2496	69.2282
Target 85	-17.2845	-41.5804	69.2236
Target 86	-17.2767	-41.5922	69.1945
Target 87	-15.806	-41.5264	69.0996
Target 88	-17.3682	-41.6429	69.0546
Target 89	-17.2797	-41.6781	68.9648
Target 90	-16.4642	-40.3349	68.9425
Target 91	-17.3269	-41.5844	68.9262
Target 92	-15.8104	-41.5289	68.9104
Target 93	-15.7846	-41.6031	68.8563
Target 94	-15.7591	-41.6824	68.8105
Target 95	-17.364	-41.5887	68.7604
Target 96	-16.4807	-40.3581	68.6654
Target 97	-17.2986	-41.629	68.6523
Target 98	-15.8056	-41.5003	68.5683

Target 99	-15.7759	-41.6027	68.5299
Target 10	-15.816	-41.495	e 68.5181

Table 5: hyperspectral target points in East Salinas and other Enova properties in Lithium valley, Minas Gerai

Appendix E: References:

1. SGB (Geological Survey of Brazil) Reference https://rigeo.sgb.gov.br/jspui/bitstream/doc/8650/35/Mapa_Curral%20De%20Dentro.pdflo
2. SGB (Geological Survey of Brazil) Reference https://rigeo.sgb.gov.br/bitstream/doc/8650/3/Relatório_Candido_Sales.pdf
3. Hyperspectral study report by Dr. Neil Pendock

Abbreviations & Legend

CREO = Critical Rare Earth Element Oxide

HREO = Heavy Rare Earth Element Oxide

IAC = Ion Adsorption Clay

LREO = Light Rare Earth Element Oxide

REE = Rare Earth Element

REO = Rare Earth Element Oxide

TREO = Total Rare Earth Element Oxides including Yttrium Oxide

NdPr% = Percentage amount of neodymium and praseodymium oxides as a proportion of the total amount of rare earth oxide(TREO)

DyTb = Dysprosium-Terbium

wt% = Weight percent

CN= Chondrite Normalised

Colour legend

Colour	TREO including Y_2O_3
	≥10,000 ppm
	≥5000 ppm
	≥1000 ppm
	<1000 ppm