energy transition minerals

ASX Announcement
12 June 2026

ASX: ETM

MAJOR NEW RARE EARTH TARGET DISCOVERED AT KVANEFJELD WITH URANIUM BELOW 100ppm

1.8km long mineralised trend identified with uranium below Greenland's Uranium Act threshold

Highlights:

- **High REE values associated with low uranium:** A major new alteration (fenite) zone delineated over 1,800m of strike, characterized by strong REE mineralization where uranium concentrations are below the 100ppm threshold outlined in Greenland's Uranium Act.
- **Significant new REE targets identified:** Ten previously unknown, high-priority areas of high-grade rare earth element (REE) mineralization discovered across the Kvanefjeld licence area.
- **Extensive outcropping mineralisation delineated**: Regional geological mapping located 772 outcrops from which 214 rock chip samples were collected.
- **Samples exceed the average grade of the deposit:** Multiple surface rock chip samples returned grades exceeding the Kvanefjeld deposit resource grade[1], with peak values reaching up to 39,695ppm (3.97%) total rare earth oxide (TREO). Heavy REE oxides Dy2O3, Tb4O7, and Y2O3 reach very high peak values of 1,112ppm, 161ppm, and 5,994ppm (respectively).
- **New REE-mineralised trachyte target discovered:** Helicopter-based sampling on new areas identified a mineralised trachyte (volcanic rock) that represents a distinct, new REE target, also with uranium values less than 100ppm.

Energy Transition Minerals Ltd ("Company" or "ETM") (ASX: ETM) is pleased to report the discovery of ten new rare earth element (REE) mineralised target zones across its Kvanefjeld Exploration Licence in south-western Greenland, including a newly identified 1.8km-long REE mineralised trend containing uranium concentrations below Greenland's Uranium Act 100ppm threshold.

The discoveries were made following the receipt and analysis of assay results from samples collected during the Company's 2025 semi-regional exploration program across the wider Kvanefjeld exploration licence (see ETM ASX announcement "Field Exploration Update" dated 4 September 2025).

The 2025 field program successfully assessed under-explored areas within ETM's licence with a focus on identifying new REE mineralised areas that are compliant with the Uranium Act and establishing refined geological controls. Field work ran from June through November 2025. During this period, 772 sites were visited, 214 rock samples were collected, and various prospective geological units were located and mapped (Figure 1).

A total of ten new zones of REE mineralization have been identified across ETM's exploration licence. Most notably, rock samples delineated an 1,800m long zone that contains high grades of the high-value heavy REEs dysprosium (Dy) and terbium (Tb), coupled with uranium (U) values less than 100ppm. This new zone seems able simultaneously to import and precipitate high concentrations of REE while actively dissolving and removing U away from the target zone.

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This is a very significant discovery for ETM as the REE-mineralised samples are below the 100 ppm limit specified by the Greenlandic Uranium Act.

Zones of interest also include an area of mineralised trachyte rocks in a location that has become more accessible over recent years due a reduction in permanent ice and snow coverage.

This exploration program was completed prior to the expiration of MEL 2010/02 on 31 December 2025. As the Company has previously announced (refer ASX ETM announcements released on 1 April 2026 and 7 April 2026), the Ministry of Business, Mineral Resources, Energy, Justice and Gender Equality has indicated to the Company that it intends to recommend to the Government of Greenland that a renewal of MEL 2010/02 not be granted, on the basis that an exploitation licence for the Project cannot be granted under the current legislative framework.

ETM Managing Director, Daniel Mamadou, commented:

"The discovery of extensive REE mineralisation at surface associated with uranium values below Greenland's Uranium Act 100ppm threshold is a highly encouraging outcome from our 2025 exploration field season – which saw our geological personnel assess areas within the Kvanefjeld licence that had not previously been explored.

"We are excited by the discovery of new zones of mineralisation that contain potentially economic REE grades, and in particular the extensive zone of mineralised rock which, containing levels of uranium that are below the Uranium Act threshold, should therefore not be the subject of the exploration restriction implied by this Act. Furthermore, the discovery of very high grades of dysprosium and terbium – two of the most critical heavy rare earth elements for magnet production – demonstrates the potential of the project.

"Regional exploration efforts continue to reveal important areas at Kvanefjeld that require further exploration, including drilling, and provide a strong foundation for future exploration programs."

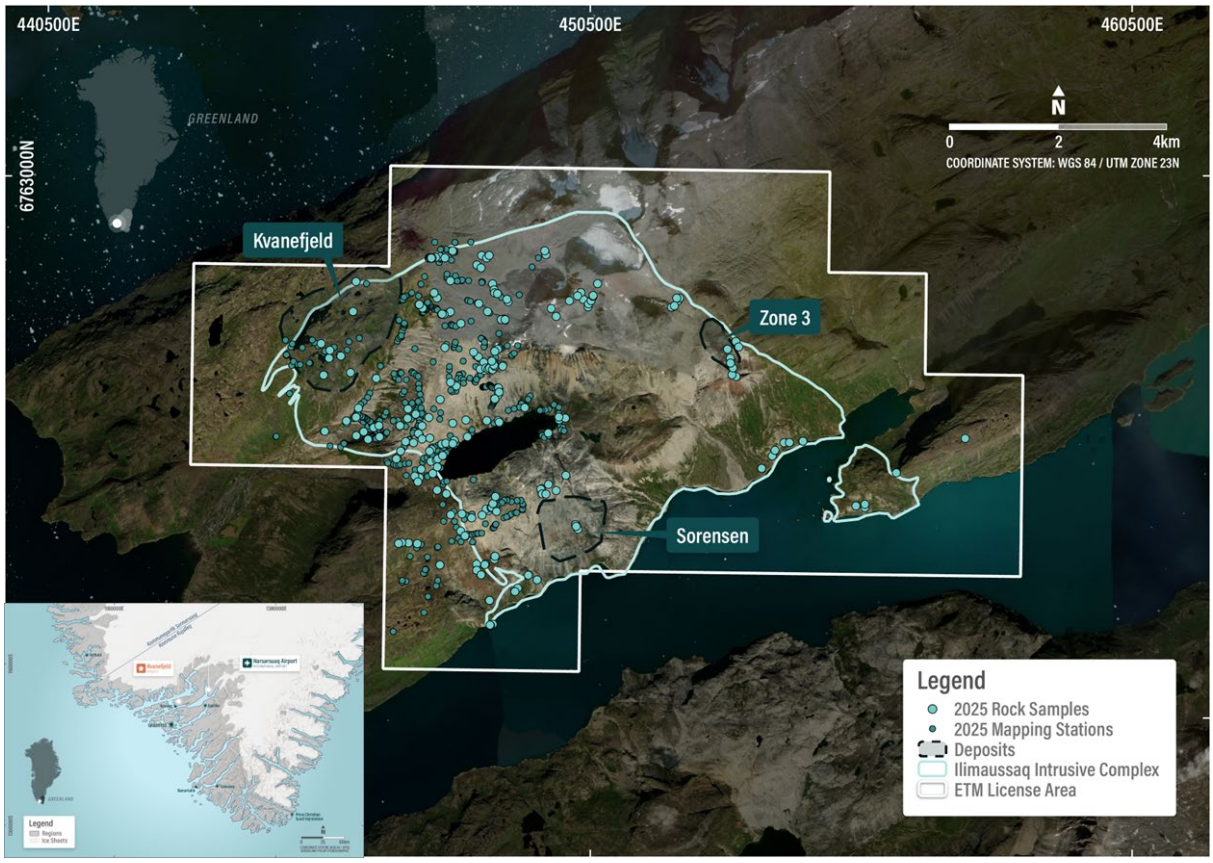


Figure 1. The Kvanefjeld 2025 exploration campaign rock sampling and mapping locations.

Detailed Discussion

Detailed geological mapping and rock chip sampling was undertaken within the Kvanefjeld exploration licence to define new low uranium rare earth targets and refine the geological understanding of the Ilímaussaq Intrusive Complex, which hosts the Kvanefjeld REE deposit[1]. All samples were securely prepared by ETM personnel and dispatched to the ALS Geochemistry laboratory in Ireland in late Q4 2025. Due to logistical and transit complexities, shipping times were significantly extended, resulting in the final assay data being received during Q2, 2026.

The field program was executed by a comprehensive technical team comprising ETM's Technical Lead, specialist REE consultants, and student geologists from the University of Copenhagen, with oversight from ETM management site visits.

Fieldwork delineated the extent and relationship of various rock units which host REE mineralization, primarily lujavrite and naujaite. These two lithologies principally compose the Kvanefjeld, Sørensen, and Zone 3 deposits.

Discovery of New Mineralised Zones

Ten new, previously unsampled high-priority areas that contain high-grade REE mineralization (classed by TREO) were discovered across ETM's exploration licence area (Figure 2). Commonly, these mineralized rocks are related to lujavrite and naujaite units in outcrop. Note that additional areas with mineralised samples were not included in the priority targets, as the Company already has an established understanding of the mineralisation within these areas.

Geological mapping and rock chip sampling located high REE grades and defined several notable trends. Assay results from these previously unexplored areas returned exceptional peak grades of 39,695ppm (3.97%) total rare earth oxides (TREO[2]) and 37,705ppm (3.77%) light rare earth oxides (LREO[2]) in sample KS-25-331. Heavy rare earth oxides (HREO[2]) returned exceptional peak grades to 4,017ppm (0.40%) [Sample KS-25-146] (Figures 3a, b, c; Table 1).

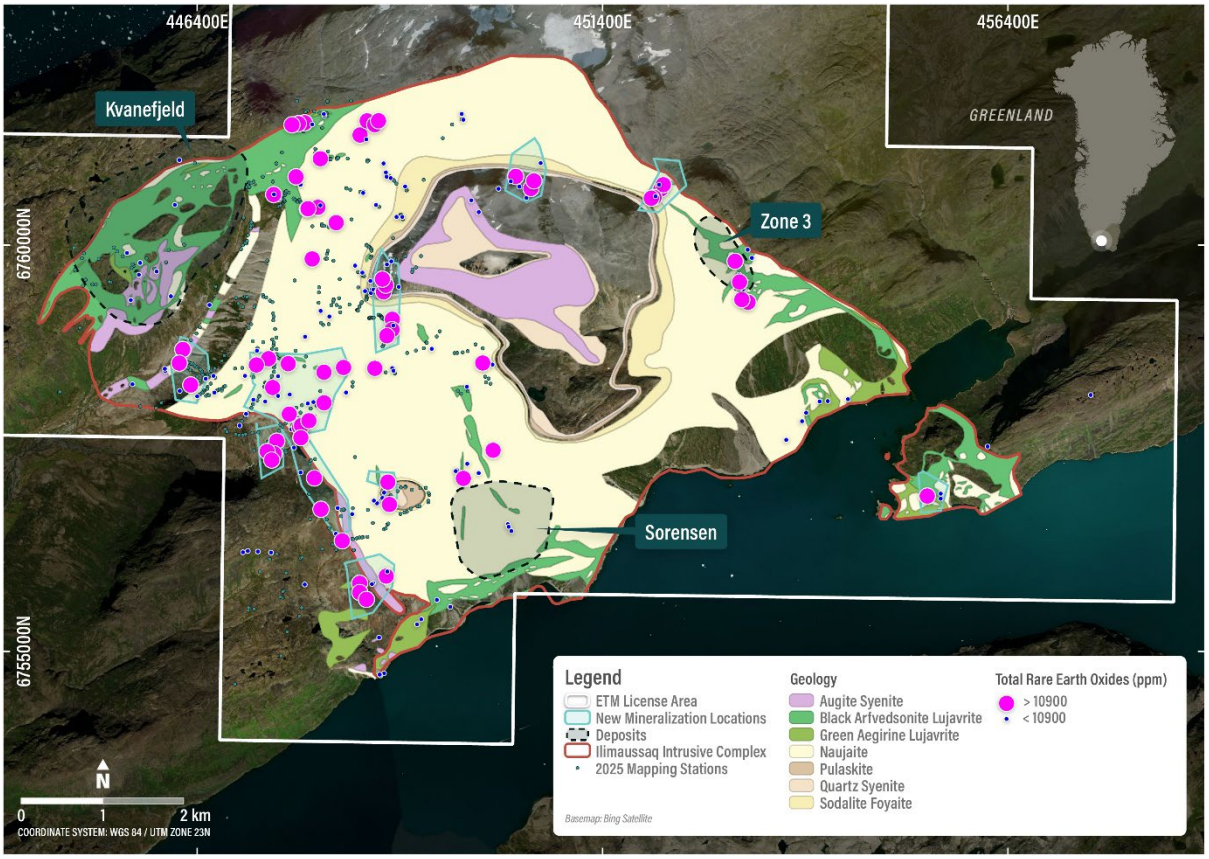
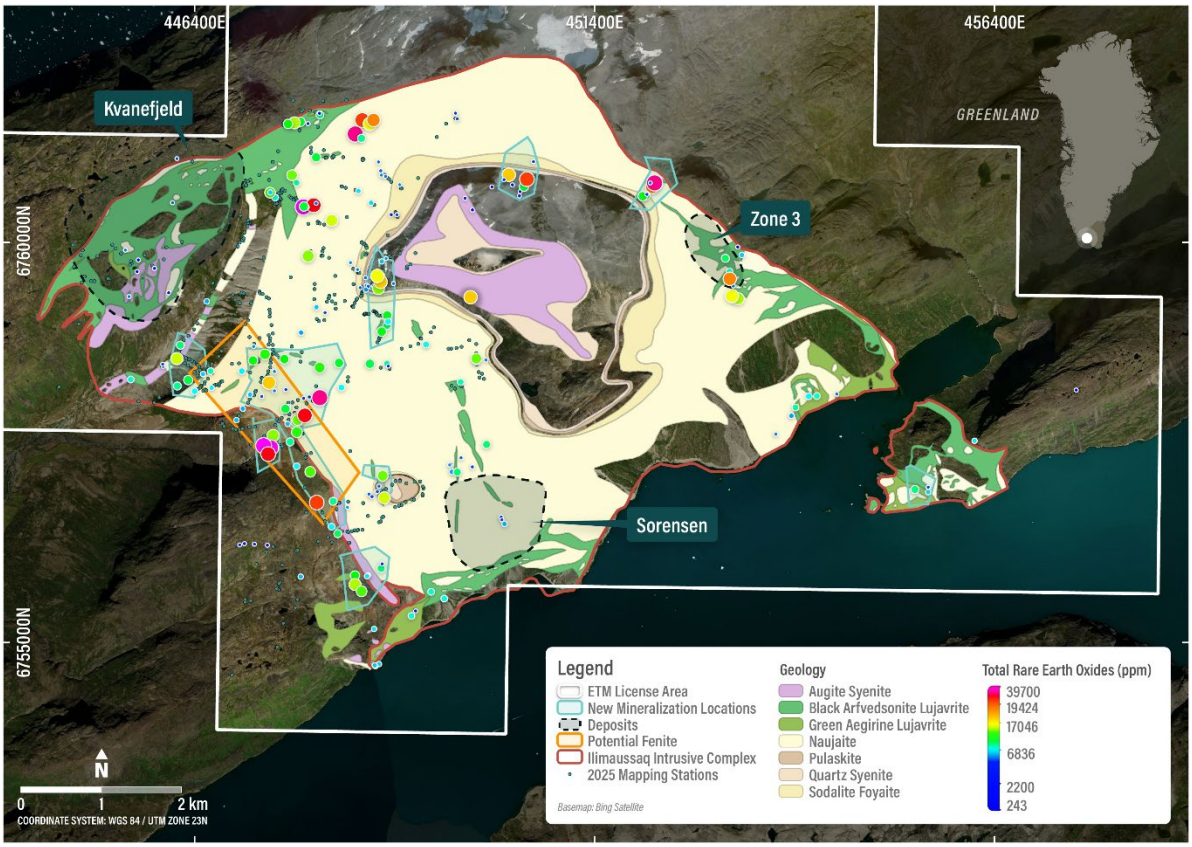


Figure 2. Kvanefjeld geological map updated based from 2025 field work showing mapping and sampling locations. Higher and lower TREO grade samples marked (see Table 2). Samples lie outside resource areas.

Table 1. Select samples from 2025 sampling program with the highest grades of TREO, LREO, and HREO. Note that in several instances where the highest grades are for more than 1 classification. Coordinates are quoted in WGS 23N. Rock types codes are NAU (naujaite), ZR_MIN (zirconium mineral bearing), LUJ (lujavrite), FEN (fenite), RHY (rhyolite). All grades in parts per million.

SAMPLE	Easting	Northing	RL (m)	Type	Pr6O11	Nd2O3	Tb4O7	Dy2O3	Y2O3	TREO	LREO	HREO
KS-25-331	447350	6757431	466	FEN	1,861	4,922	36	181	1,333	39,695	37,705	656
KS-25-332	447263	6757458	479	FEN	1,474	4,059	21	100	729	32,143	31,032	381
KS-25-043	447758	6760444	652	LUJ	1,086	2,799	30	199	1,880	25,187	22,619	688
KS-25-169	448409	6761356	807	LUJ	1,023	2,508	25	153	1,397	24,961	22,976	588
KS-25-019	452152	6760744	935	LUJ	1,171	4,082	42	217	1,797	24,747	22,120	829
KS-25-322	447327	6757402	471	ZR_MIN	1,177	3,324	20	96	638	24,225	23,213	374
KS-25-345	447965	6758058	487	ZR_MIN	882	3,266	132	818	4,038	22,182	15,233	2,911
KS-25-333	447320	6757353	477	FEN	1,011	2,764	19	104	754	22,049	20,928	367
KS-25-346	447778	6757837	482	ZR_MIN	716	2,729	132	910	5,689	21,785	12,542	3,554
KS-25-044	447889	6760466	672	LUJ	1,064	3,534	66	370	3,149	21,733	17,279	1,304
KS-25-039	450555	6760791	1,049	RHY	1,027	2,846	17	74	504	19,647	18,819	324
KS-25-337	447927	6756747	687	FEN	895	2,414	17	83	580	19,479	18,585	314
KS-25-146	447687	6757784	522	NAU	538	2,088	161	1,112	5,994	19,424	9,412	4,017
KS-25-318	447382	6757586	493	ZR_MIN	549	1,971	93	645	3,403	15,282	9,660	2,219
KS-25-329	449923	6758548	487	NAU	535	2,000	86	539	3,061	14,911	9,872	1,979
KS-25-324	447687	6757778	489	ZR_MIN	377	1,394	116	739	4,826	14,785	7,000	2,960
KS-25-347	447679	6757628	491	ZR_MIN	430	1,557	98	662	4,102	14,412	7,910	2,400
KS-25-034	447569	6761482	678	UNKN	417	1,604	107	709	5,397	14,175	6,623	2,155
KS-25-326	447536	6757919	509	ZR_MIN	472	1,674	80	546	2,781	13,077	8,432	1,863
KS-25-323	447664	6757755	488	ZR_MIN	406	1,470	92	550	3,353	12,479	7,086	2,040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GREENLAND
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COORDINATE SYSTEM: WGS 84 / UTM ZONE 23N
Legend
ETM License Area
New Mineralization Locations
Deposits
Potential Fenite
Ilimaussaq Intrusive Complex
2025 Mapping Stations
Basemap: Bing Satellite
Geology
Augite Syenite
Black Arfvedsonite Lujavrite
Green Aegirine Lujavrite
Naujaite
Pulaskite
Quartz Syenite
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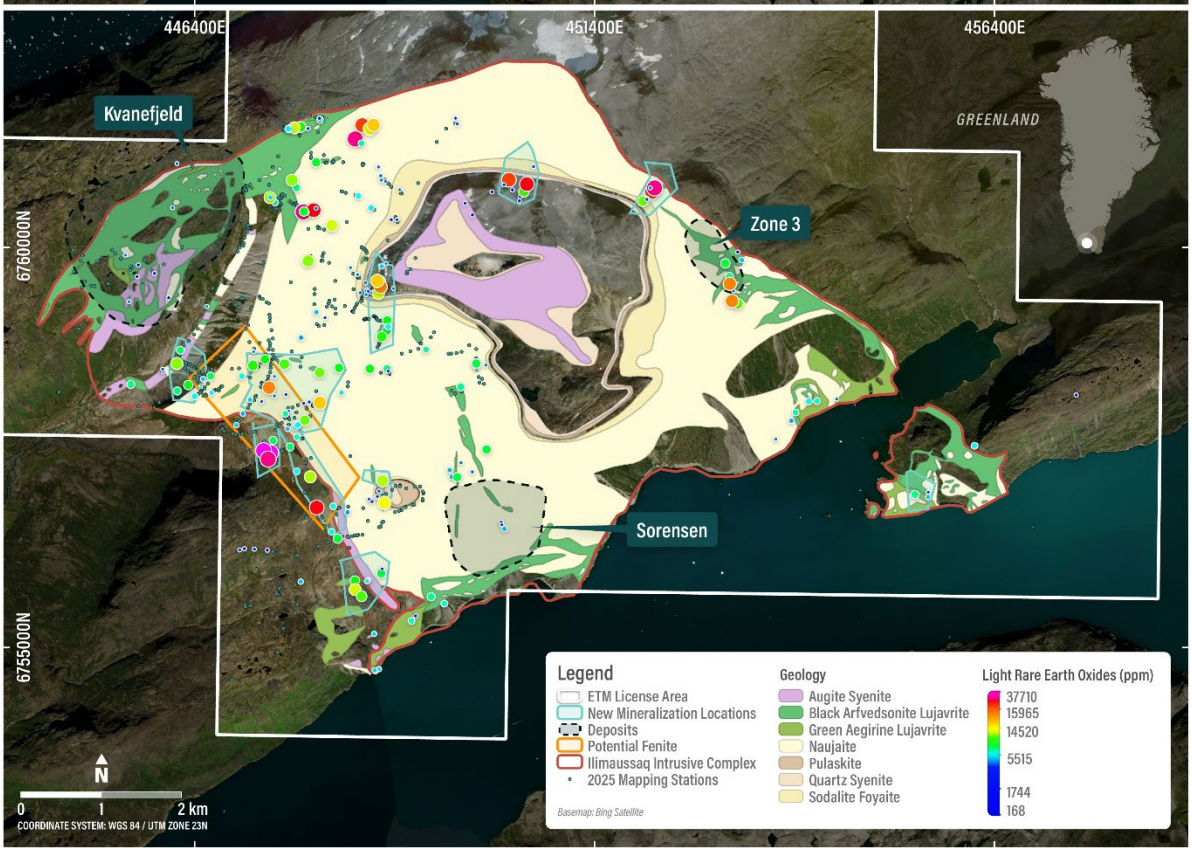
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New Mineralization Locations
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2025 Mapping Stations
Basemap: Bing Satellite
Geology
Augite Syenite
Black Arfvedsonite Lujavrite
Green Aegirine Lujavrite
Naujaite
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Quartz Syenite
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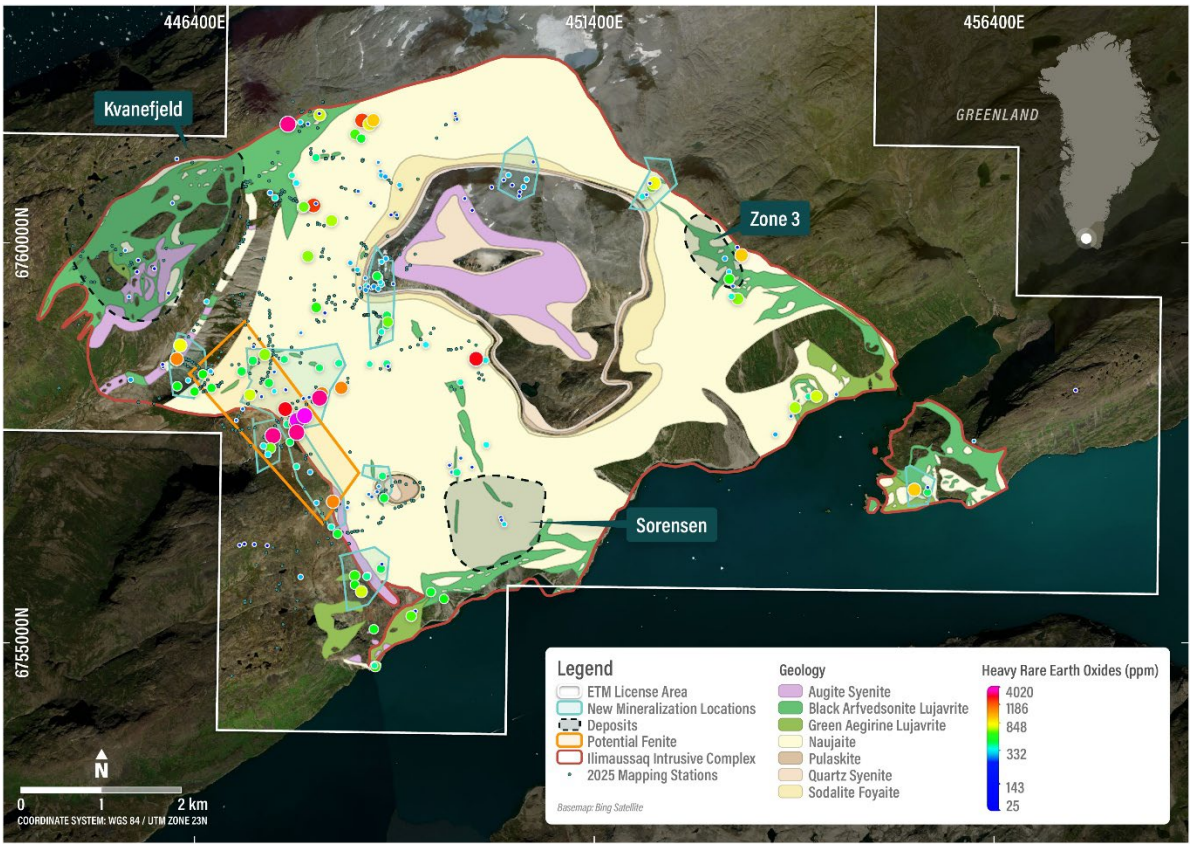


Figure 3a, 3b, 3c. Distribution of REE values for: A) TREO; B) LREO; and C) HREO from 2025 rock sampling. Values shown as rare earth oxides (see Table 2). Samples lie outside resource areas.

These total, light, and heavy rare earth oxide (REO) values are highly significant, with numerous rock chip samples exceeding the average resource grade of the Kvanefjeld deposit of 10,900ppm TREO[3] (as also shown in Figure 2); 9,600ppm LREO[3] and 400ppm HREO[3]. Of the 214 total samples collected, a substantial portion surpassed the resource grades:

- 69 samples exceeded the Kvanefjeld TREO resource grade.
- 61 samples exceeded the Kvanefjeld LREO resource grade.
- 82 samples exceeded the Kvanefjeld HREO resource grade.

These high-grade values are predominantly hosted within outcropping lujavrite, the dominant ore-forming rock unit in the intrusive complex, and represent high-priority undrilled targets for systematic follow-up exploration. All analytical data and locations are provided as Table 2 (see Appendix A).

Discovery of Low Uranium (<100 ppm) REE Mineralization

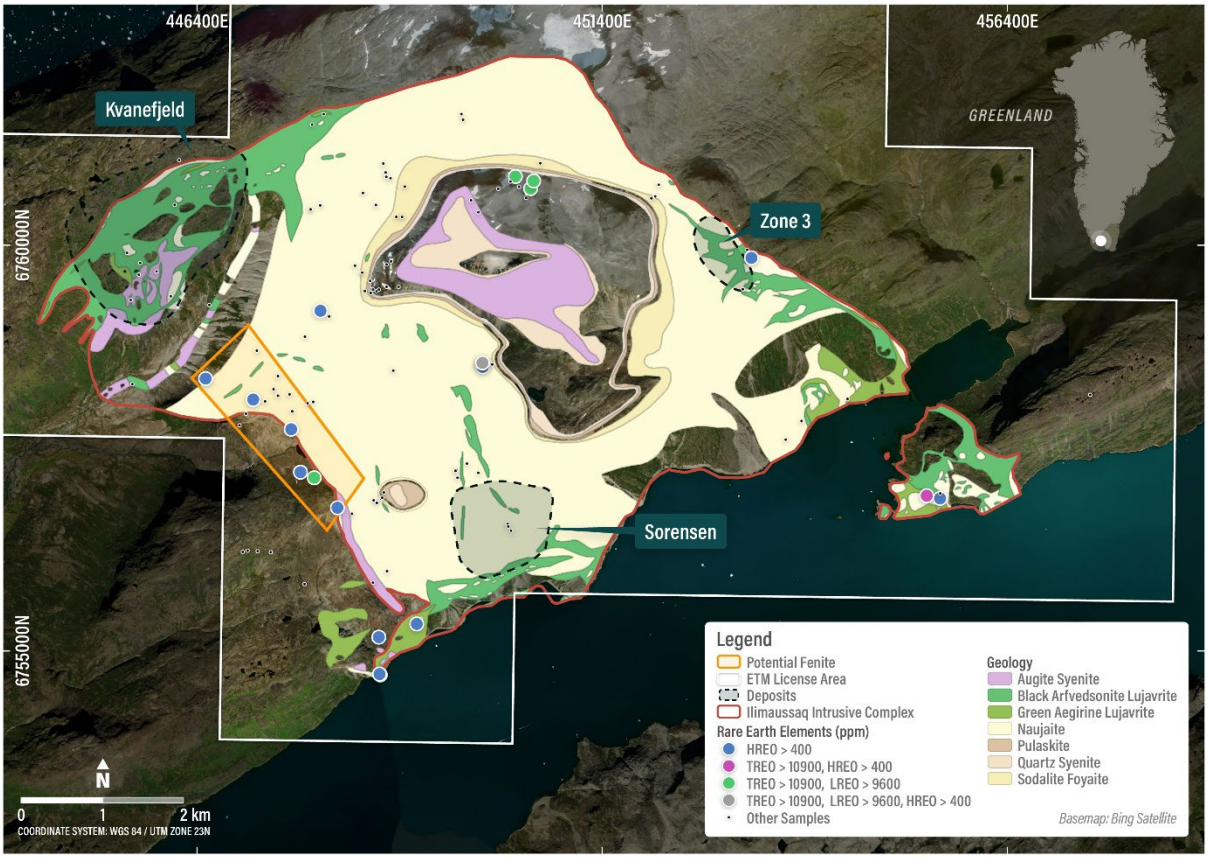
An extensive zone of rock samples that is enriched in HREO has been defined along the south-western margin of the intrusive complex, over a strike length of approximately 1,800m (Figure 4a and b).

This zone returned peak values up to 1,174ppm HREO [Sample KS-25-356], including notable grades of dysprosium (Dy_2O_3: 319ppm), terbium (Tb_4O_7: 51ppm), as well as yttrium (Y_2O_3: 1,778ppm). Crucially, these samples consistently exhibit low uranium concentrations of less than 100ppm (Figure 4).

The peak HREO value for all samples classified as enriched in HREO, with uranium below 100ppm is sample KS-25-329, with 1,989ppm HREO, dysprosium (Dy_2O_3: 539ppm), terbium (Tb_4O_7: 86ppm), as well as yttrium (Y_2O_3: 3,061ppm). Unlike the samples along the 1,800m strike length, this sample is in the centre of the intrusive complex and suggests HREO mineralisation with uranium below 100ppm may be extensive.

Highly mineralised LREO samples (returning grades up to 18,816ppm) are also present along this trend and similarly show uranium values below 100ppm.

Highly HREO enriched fenite in boulder float, interpreted to be proximal to bedrock source, was discovered adjacent to the west part of Taseq Lake (Figure 5). Values of dysprosium (Dy_2O_3: 1,112ppm), terbium (Tb_4O_7: 161ppm) and yttrium (Y_2O_3: 5,994ppm) [Sample KS-25-146] are remarkably high and exhibit ratios of LREO:HREO of slightly greater than two. These represent some of the highest values of HREO elements observed on any known REE project. Uranium values for these samples exceed 100ppm.



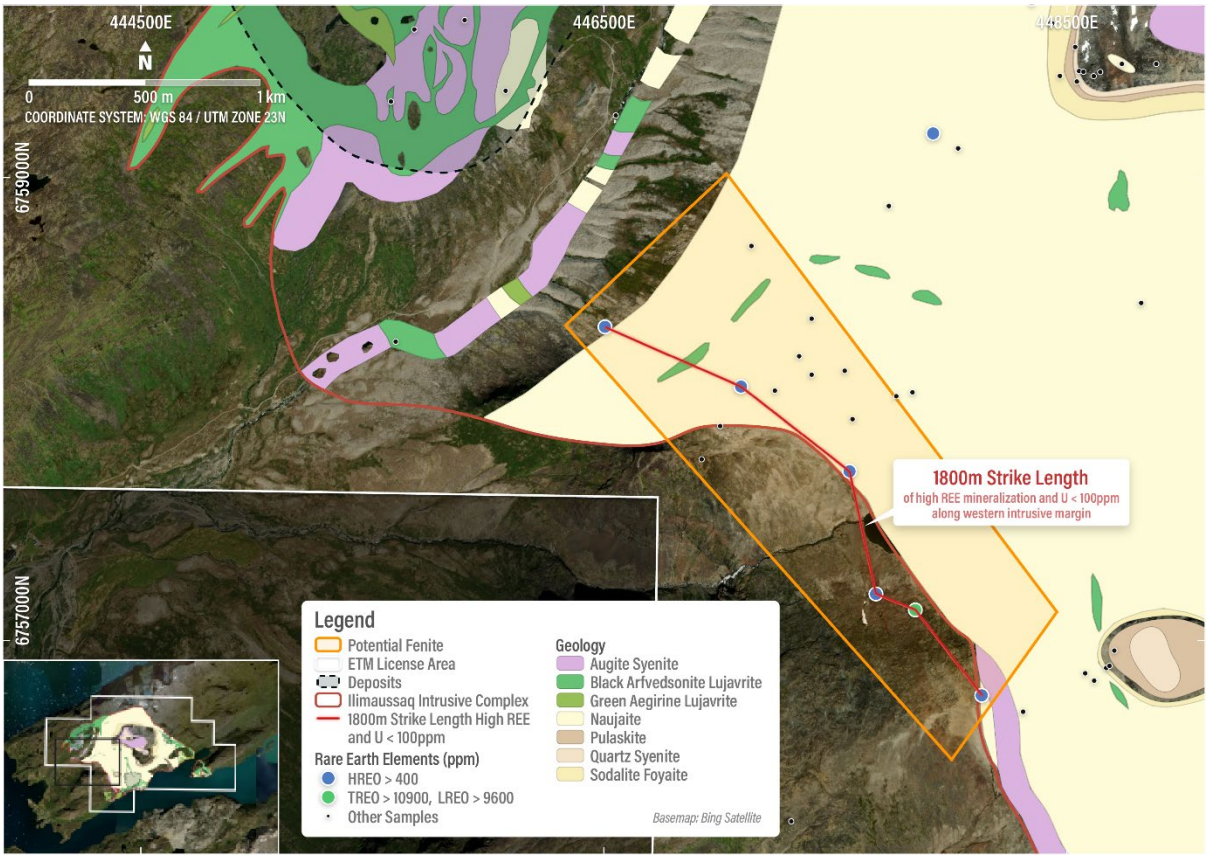


Figure 4. A) Rock samples that are enriched in TREO, LREO, and/or HREO (greater than the average Kvanefjeld deposit grade) and also less than 100 ppm uranium. B) 1,800 m trend of mineralized HREO samples, with uranium less than 100 ppm (see Table2).

Geochemical Trends of Fenite Targets

Fenites are metasomatic rocks altered by highly alkaline fluids emanating from cooling alkaline or carbonatite magmas. These hydrothermal fluids are characteristically rich in alkalis (Na, K), volatile CO_2, fluorine (F), and chlorine (Cl), which intensely alter the surrounding country rocks.

While REEs are typically immobile in most geological environments, high-temperature alkaline/carbonatite fluids transport them efficiently. Volatile-rich, alkaline fluids form highly stable complexes with REEs in the presence of fluorine, carbonate, and chloride ligands. As these fluids cool or react with the host wall rocks, the chemical equilibrium changes, causing the REEs to precipitate rapidly into hydrothermal minerals. The fenite zone effectively serves as a highly efficient chemical trap for REEs. Conversely, uranium behaves very differently due to its acute sensitivity to changes in oxidation state.

In fenitizing systems, fluid interactions are frequently CO_2-bearing and can become distinctly oxidizing. Under these oxidized conditions, immobile tetravalent uranium (U^{4+}) converts into the highly soluble uranyl species (UO_2^{2+}). These soluble uranium-carbonate complexes remain stable in solution and migrate completely out of the core alteration zone, only precipitating later when they encounter a distinct reducing redox boundary.

Consequently, the same alkaline metasomatic fluid can simultaneously import and precipitate high concentrations of REEs while actively dissolving and exporting uranium away from the target zone. This hydrothermally decoupled mechanism provides a compelling geological explanation for the discovery of high-grade REE mineralization characterized by exceptionally low uranium signatures.

Discovery of Trachyte-Hosted REE Mineralization

While exploration prioritized lujavrite targets, mapping and sampling also identified REE-mineralised trachytes (Figure 5). Located at higher elevation, these fine-grained, reddish-orange rocks form a distinctive phase within the intrusive complex. Their flow-banded texture indicates they likely represent an extrusive volcanic equivalent to plutonic syenite. Consistent with known trachyte signatures, these rocks yield elevated niobium (Nb) values up to 5,280 ppm, while maintaining low uranium (U) values under 100 ppm (Figure 4). Because trachytes can host significant rare earth element (REE) deposits, they represent a high-priority target. Notably the Dubbo REE deposit in NSW, Australia is trachyte.

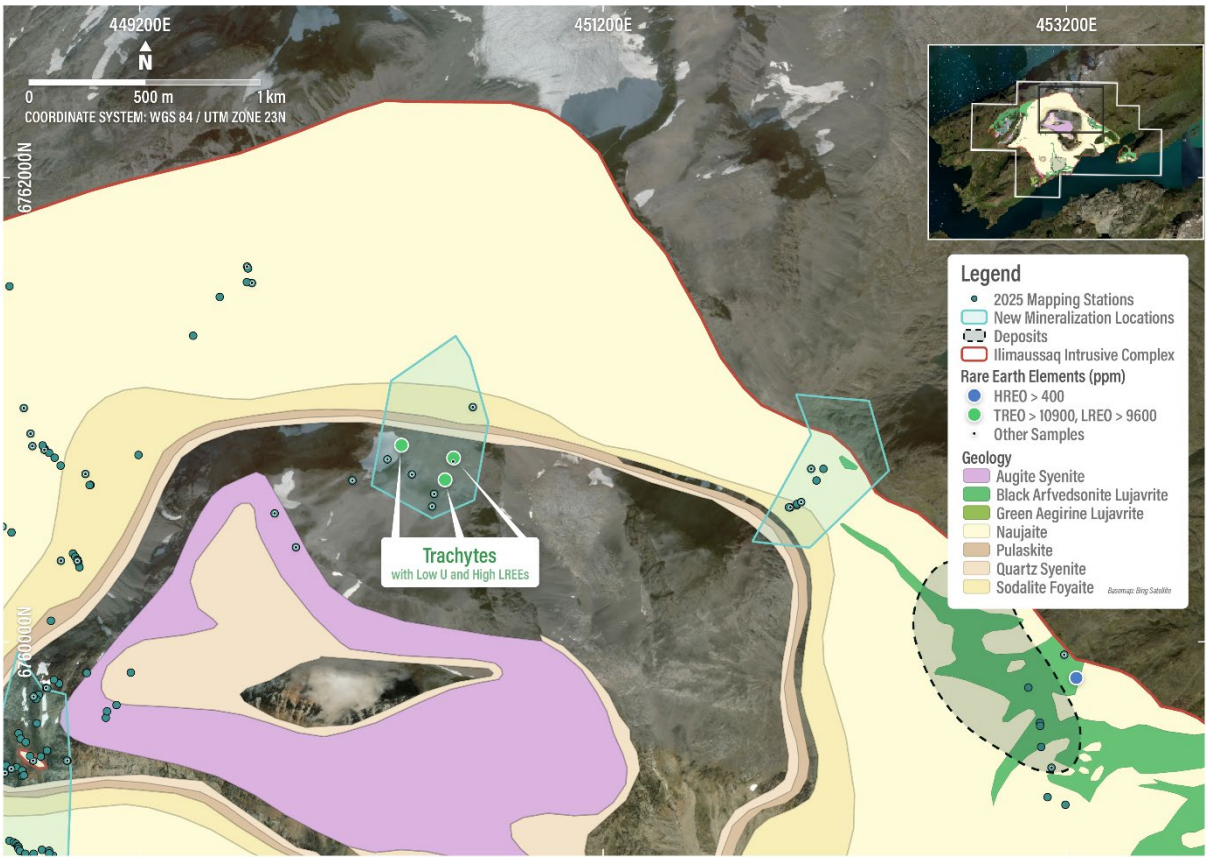


Figure 5. Location of trachyte rock samples from 2025 sampling program with TREO and LREO mineralisation with uranium below 100ppm (see Table 2).

ETM's Commitment to the Community of Narsaq and Operating in Greenland

ETM is committed to ongoing exploration activities at Kvanefjeld, involvement in the community of Narsaq, and the country of Greenland. This field program advances ETM's knowledge and understanding of the project.

Further work

The Company had planned to carry out further exploration activities on the Kvanefjeld exploration licence during the 2026 field season, including a helicopter-supported exploration drilling program in the south and west portions of the Ilímaussaq Intrusive Complex, and airborne magnetic, radiometric and VLF survey. These works had to be cancelled due to the renewal of the exploration licence not having been approved in time for this to proceed.

Update on Exploration Licence

As previously advised, ETM, via its subsidiary Greenland Minerals A/S ("GM"), has received a draft decision from the Greenlandic authorities recommending that GM's pending request for extension of the exploration licence for Kvanefjeld be declined.

GM is to file its consultation response on 15 June 2026. GM will file an objection to the proposed denial of an extension of the exploration licence. The timing of a final decision is unclear at this stage.

As previously mentioned, the exploration licence has already been extended once *after* the Uranium Act entered into force, and so the authorities' assumed position on this most recent exploration licence extension is in contradiction with its previous approach.

ETM and GM will take all relevant legal measures to preserve their rights.

This announcement has been authorised for release by the Board of Energy Transition Minerals Ltd

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1 References to the Kvanefjeld deposit resource grade are to grade in the Mineral Resource Estimate for the Kvanefjeld Project as previously announced. Refer Kvanefjeld Project Feasibility Study, Document No: KV60-PM-RP-0000-0001, SRK Consulting, April 2016. See also the Company's 2025 Annual Report , pp 21 ff, regarding the Kvanefjeld REE deposit and previous announcements there referenced including ASX announcement 'Updated Mineral Resource Estimate" 12 February 2015.

[2]LREO (Sum of light RE oxides: La2O3, Ce02, Pr6O11, Nd2O3, Sm2O3)
HREO (Sum of heavy RE oxides: Eu2O3, Gd2O3, Tb4O7, Dy2O3, Ho2O3, Er2O3, Tm2O3, Yb2O3, Lu2O3)
TREO (Total RE oxides: REO + Y2O3)

[3]Average grades for Kvanefjeld for TREO, LREO, and HREO from the 2016 GMAS Feasibility Study dated April 2016 (150 ppm U cut-off).

About Energy Transition Minerals Ltd

Energy Transition Minerals Ltd (ASX: ETM) is an exploration and development company focused on developing and financing supply chains for the metals and materials that are critical to the decarbonization of the world, with a special focus on high-quality mineral projects. The Company manages exploration projects in Western Europe, North America, and Greenland, including the Kvanefjeld Rare Earth Project in Greenland, one of the largest undeveloped rare deposits in the world, and it is in the process of completing the acquisition of the Penouta Tin-Tantalum-Niobium Mine in Galicia, Spain. The Company has been involved in the development of the Kvanefjeld Rare Earth Project since 2007, and its right to the grant of an exploitation licence for this Project remains subject to legal proceedings in the courts of Greenland and Denmark. The Company is also involved in the Villasrubias Lithium-Tantalum Project, an early-stage exploration project located in the region of Castile and Leon in Spain; and the Solo and Good Setting Lithium Projects in James Bay, Quebec. ETM continues to assess other critical metals project opportunities globally.

Cautionary Statement

This announcement and information, opinions or conclusions expressed in the course of this announcement contains forecasts and forward-looking information. Such forecasts, projections and information are not a guarantee of future performance, involve unknown risks and uncertainties. Actual results and developments will almost certainly differ materially from those expressed or implied. There are a number of risks, both specific to ETM, and of a general nature which may affect the future operating and financial performance of ETM, and the value of an investment in ETM including and not limited to title risk, renewal risk, economic conditions, stock market fluctuations, commodity demand and price movements, timing of access to infrastructure, timing of environmental approvals, regulatory risks, operational risks, reliance on key personnel, reserve estimations, native title risks, cultural heritage risks, foreign currency fluctuations, and mining development, construction and commissioning risk.

Competent Person Statement

The information in this announcement is based on information compiled by Mr Mark Saxon who is a Fellow of the Australasian Institute of Mining and Metallurgy and Member of Australian Institute of Geoscientists (AIG). Mr Saxon is a Director and security holder of the Company, and has sufficient experience which is relevant to this style of mineralisation and type of deposit under consideration and to the overseeing activities which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves". Mr Saxon consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (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.*	• Surface rock chip samples were collected from outcrop and boulders, selected on the basis of visual appearance. • Samples were selected to indicate grade across a range of rock types and localities. • Rock samples should be considered as selective grab samples and are not considered representative. • No analyses from a pXRF instrument are included in this announcement.
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, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• Not applicable, no drilling reported
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.*	• Not applicable, no drilling reported
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*	• Samples are exploration surface samples and are not considered representative. • They are not appropriate to support a Mineral Resource Estimation.

Criteria	JORC Code explanation	Commentary
	in nature. Core (or costean, channel, etc) photography. • *The total length and percentage of the relevant intersections logged.*	
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• Surface rock samples were taken by hand, utilising hammer and chisel following geological inspection. Samples are considered grab samples, being representative of the rock type of that location. • Samples were dry when collected.
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 (ie lack of bias) and precision have been established.*	• Samples were prepared and analyzed at the ALS Minerals Laboratory in Ireland. • Preparation methods comprised of crushing samples to 70% <2 mm, followed by pulverizing 1000 g of crushed material to > 85% passing 75 um. • Analytical methods are those recommended for the range of elements and grades and included ALS Minerals codes: ME-ICP06, C-IR07, S-IR08, ME-MS81, ME-MS42, OA-GRA05, TOT-ICP06, ME-4ACD81, Au-AA23, Cl-IC881, F-IC881, and ME-MS81h (for REE overlimits) • Blind certified reference material and blanks were included in the sample stream by ETM. No appreciable contamination was detected in the blanks. • The standard results were all within 2 standard deviations of the certified value of the certified reference material.
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 data.*	• Not applicable, no drilling reported • TREO is equal to *La2O3 + Ce02 + Pr6O11 + Nd2O3 + Sm2O3 + Eu2O3 + Gd2O3 + Tb4O7 + Dy2O3 + Ho2O3 + Er2O3 + Tm2O3 + Yb2O3 + Lu2O3+ Y2O3.* • The above REO and Y values were calculated from elemental REE values using stoichiometric conversion factors as follows: 1.1728, 1.2284, 1.2082, 1.1664, 1.1596, 1.1579, 1.1526, 1.1762, 1.1477, 1.1455, 1.1435, 1.1421, 1.1387, 1.1371, 1.1387 (respectively).LREO is equal to *La2O3 + Ce02 + Pr6O11 + Nd2O3 + Sm2O3* • HREO is equal to *Eu2O3 + Gd2O3 + Tb4O7 + Dy2O3 + Ho2O3 + Er2O3 +*

Criteria	JORC Code explanation	Commentary
		Tm2O3 + Yb2O3 + Lu2O3+ Y2O3
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.*	• Surface rock samples were located using hand-held GPS units with pre-loaded location data and are considered accurate within 5m. • The Coordinate system used was UTM (WGS84).
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.*	• Surface rock chip samples were preliminary in nature and collected across a large area on an ad-hoc basis. • The data is not appropriate for use in estimating Mineral Resources and is not intended for such use.
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.*	• Surface rock chip samples were taken across geological structure when appropriate.
Sample security	• *The measures taken to ensure sample security.*	• Samples were placed in sealed, tamper-proof plastic drums by ETM personnel. Samples were shipped using a reputable Greenlandic shipping company.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No specific external audits or reviews have been undertaken on the data by the Company. • Assay results have been compared with field observations and are consistent.

Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• The Kvanefjeld exploration licence is 100% owned by Greenland Minerals A/S, a wholly owned subsidiary of Energy Transition Minerals Ltd. • The minerals claims have no underlying royalties. • MEL 2010-02 expired on 31 December 2025. The Ministry has indicated that it intends to recommend to the Greenlandic government that an extension of the exploration licence not be granted.

Criteria	JORC Code explanation	Commentary
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Exploration has been done by several groups over the years prior to the Company's holding of the Kvanefjeld Project. • Exploration completed by other parties was preliminary and regional in nature and has been superseded by the Company.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The Kvanefjeld project is located in the southwestern part of Greenland within the Gardar Province. • The deposit style is peralkaline intrusive complex with highly differentiated and fractionated rocks. The intrusive rocks intruded into sandstones and basalts. • REE and U mineralisation is in 2 key minerals – steenstrupine and eudialyte. • The exploration strategy being applied by Energy Transition Minerals Ltd is designed to identify similar mineralisation, should it exist.

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.*
		• No drilling being reported.

Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• Not applicable, no drilling being reported.
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 applicable, no drilling being reported.

Criteria	JORC Code explanation	Commentary
	not known').	
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.*	• Figure 1 shows project location and location of samples.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• All surface sample locations and assay data is provided in Appendix 1.
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.*	• Geological observations were collected from outcrops and samples and were considered in the preparation of this release. • No other information is available that is considered material at this stage. • All surface sample locations and assay data is provided in Appendix 1.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• The nature and scale of further work will be planned following analysis of sample results.

APPENDIX A

Table 2. Rare earth element assay data, sample description, and locations from 2025 rock chip sampling program. Coordinates are quoted in WGS 23N. All grades in parts per million (elemental). Rock type codes below table. Analytical methods = ME-MS81, ME-MS81h.

SAMPLE	EAST	NORTH	RL	ROCKTYPE	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Yb	Lu	Y	Ga	Hf	Nb	U	Zr
KS-25-001	448448	6760643	758	LUJ	1,970	2,750	247	717	71	5	42	6	35	7	19	17	2	273	116	8	936	98	623
KS-25-002	448607	6760495	776	NAU	1,945	2,640	231	667	58	4	27	3	17	3	9	8	1	123	125	6	857	48	611
KS-25-003	448859	6760348	811	NAU	103	200	24	90	16	2	11	2	9	2	5	5	1	47	41	13	122	4	618
KS-25-004	448930	6760347	822	AUG_SY	569	990	96	320	53	4	37	5	31	7	19	19	2	210	127	29	3,170	38	1,530
KS-25-005	448930	6760347	822	AUG_SY	295	600	66	238	41	3	32	5	30	6	18	17	2	191	88	37	360	15	1,725
KS-25-006	448706	6754726	183	NAU	1,580	2,640	257	743	91	7	57	8	44	9	26	21	3	255	85	56	426	34	3,830
KS-25-007	448662	6754700	184	UNKN	1,090	2,360	278	1,070	202	17	158	24	138	28	72	61	7	856	130	102	675	49	7,760
KS-25-008	448652	6754711	188	AUG_SY	862	1,830	214	810	148	13	113	17	98	19	52	44	5	628	124	72	501	45	5,620
KS-25-009	448312	6756687	597	NAU	545	1,105	122	432	66	5	50	7	41	8	23	19	2	268	87	40	496	24	2,390
KS-25-010	448619	6756821	596	NAU	228	499	58	223	43	4	38	6	38	8	22	20	3	207	87	41	337	11	2,160
KS-25-011	448580	6756853	599	NAU	320	680	80	310	57	4	49	7	43	9	24	22	3	234	73	42	362	15	2,080
KS-25-012	448671	6756876	597	NAU	284	576	64	241	44	4	36	6	40	9	26	25	4	221	75	106	522	11	4,920
KS-25-013	448685	6756885	597	SOD_FOY	316	598	64	227	40	3	34	5	35	8	24	24	3	205	84	88	475	16	4,210
KS-25-014	449604	6757227	568	LUJ_ARF	20	44	6	27	6	2	6	1	5	1	3	2	0	27	20	3	8	0	156
KS-25-015	449590	6757217	569	NAU	709	1,175	113	371	49	3	32	4	25	5	13	12	2	161	98	26	308	30	1,515
KS-25-016	449616	6757131	556	NAU	517	1,200	143	557	96	7	72	10	53	10	24	18	2	244	84	54	710	19	2,680
KS-25-017	449684	6757127	550	LUJ_ARF	2,970	3,920	347	1,010	122	11	92	15	100	21	64	65	8	831	103	52	1,160	306	4,790
KS-25-018	452122	6760694	932	LUJ	4,000	6,750	648	1,980	241	21	179	26	155	29	74	63	7	1,060	116	24	1,340	527	2,110
KS-25-019	452152	6760744	935	LUJ	4,530	8,960	969	3,500	473	35	279	36	189	34	80	54	6	1,415	161	14	852	564	1,185
KS-25-020	452099	6760744	942	SOD_FOY	390	876	99	362	58	5	40	5	30	5	13	9	1	152	95	12	521	13	625
KS-25-021	453037	6759801	654	LUJ	3,280	4,380	376	979	88	7	56	9	58	13	42	42	6	505	154	27	998	205	2,560
KS-25-022	453088	6759636	603	LUJ	2,500	3,560	316	925	105	9	73	12	79	17	51	51	6	685	137	29	1,125	334	2,590
KS-25-023	450375	6760720	1034	UNKN	85	160	18	70	12	4	10	1	8	2	4	4	1	40	24	10	108	2	445
KS-25-024	448733	6755923	452	LUJ	2,370	3,970	396	1,220	143	15	120	19	122	24	62	45	5	965	223	14	981	444	1,210
KS-25-025	448745	6755980	465	NAU	196	376	40	140	24	2	19	3	16	3	9	9	1	99	75	18	276	9	1,035
KS-25-026	448571	6755839	452	LUJ	1,265	2,710	251	837	137	11	98	15	86	17	46	41	5	536	116	93	1,305	89	5,580
KS-25-027	448571	6755838	451	NAU	255	506	56	207	39	3	31	5	29	6	17	16	2	161	91	56	384	13	2,690
KS-25-028	453197	6759296	483	PEG	3,610	5,190	495	1,485	183	16	155	25	161	33	92	77	9	1,335	120	30	333	304	2,680
KS-25-029	453120	6759329	502	AEG	4,220	6,530	580	1,665	172	15	127	18	98	17	42	31	4	634	156	15	199	239	1,140
KS-25-030	450276	6756479	361	NAU	833	1,480	152	529	94	8	81	13	80	17	47	39	5	481	95	69	373	31	4,380
KS-25-031	447725	6761507	706	LUJ_ARF	3,370	4,970	459	1,300	105	7	70	12	79	17	49	47	6	680	153	17	282	301	1,560
KS-25-032	447648	6761496	692	LUJ_ARF	4,180	5,770	511	1,435	110	7	61	9	58	12	37	42	5	514	127	15	307	247	1,410
KS-25-033	447583	6761482	681	LUJ_ARF	2,320	3,740	369	1,040	107	8	72	10	60	11	29	24	3	435	136	14	344	181	1,235

SAMPLE	EAST	NORTH	RL	ROCKTYPE	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Yb	Lu	Y	Ga	Hf	Nb	U	Zr
KS-25-034	447569	6761482	678	UNKN	1,010	2,420	345	1,375	384	40	464	91	618	124	328	160	15	4,250	154	16	1,650	147	1,230
KS-25-035	450462	6760582	1023	FP	110	238	27	93	16	3	13	2	12	2	7	6	1	61	34	15	176	5	719
KS-25-036	450471	6760636	1029	BAS	85	181	23	86	16	4	13	2	11	2	6	4	1	57	25	8	81	3	383
KS-25-037	450518	6760697	1037	GRT	2,890	4,910	595	1,755	203	14	117	13	62	10	26	20	3	376	218	46	1,355	47	2,070
KS-25-038	450553	6760776	1047	UNKN	95	180	24	86	15	2	12	2	9	2	5	4	1	47	34	10	65	2	453
KS-25-039	450555	6760791	1049	RHY	4,240	7,870	850	2,440	264	19	144	15	64	9	19	9	1	397	200	2	5,280	75	113
KS-25-040	450638	6761010	1074	GRT	243	459	51	166	28	2	23	4	23	5	14	15	2	134	95	44	263	11	1,960
KS-25-041	447344	6758223	507	AEG_LUJ	550	1,110	124	415	76	7	57	7	40	7	17	13	2	230	162	26	355	41	1,195
KS-25-042	447331	6758246	505	LUJ	3,520	6,480	697	2,050	217	17	153	21	122	21	55	38	5	894	183	18	2,150	277	1,215
KS-25-043	447758	6760444	652	LUJ	6,060	9,270	899	2,400	207	16	155	26	173	34	95	77	10	1,480	150	15	253	582	1,360
KS-25-044	447889	6760466	672	LUJ	3,140	6,860	881	3,030	493	44	405	56	322	55	137	89	11	2,480	130	13	478	472	1,070
KS-25-045	447920	6760490	677	NAU	409	756	78	240	33	3	26	4	25	5	13	11	2	142	97	28	246	24	1,335
KS-25-046	448115	6760276	695	LUJ	3,430	5,540	570	1,750	253	22	189	29	175	31	75	59	7	1,275	131	22	391	522	1,875
KS-25-048	448808	6759087	693	LUJ	2,720	4,900	525	1,590	208	18	147	20	112	20	52	40	5	825	123	24	836	251	1,985
KS-25-049	448804	6758959	681	LUJ	2,820	4,270	406	1,170	147	13	110	17	104	21	63	53	7	767	132	55	858	256	4,440
KS-25-050	449294	6758723	692	LUJ	2,220	3,280	318	925	125	12	94	14	80	16	47	42	6	618	137	32	1,010	277	2,940
KS-25-051	448592	6758482	639	LUJ	2,840	4,570	445	1,280	160	13	113	16	96	18	53	48	7	717	157	29	871	250	2,480
KS-25-052	447280	6758601	496	LUJ	2,800	4,960	534	1,640	228	21	190	29	165	29	77	55	7	1,220	158	22	394	415	1,590
KS-25-053					877	2,050	226	810	223	14	240	50	394	90	291	339	46	2,360	109	1,285	4,340	334	>50000
KS-25-101					1,070	2,300	297	1,055	170	14	129	16	85	13	32	18	2	380	104	23	1,230	29	1,390
KS-25-103					51	113	15	60	12	3	13	2	12	2	6	6	1	63	21	12	51	4	523
KS-25-104					87	192	23	86	15	3	12	2	9	2	5	4	1	47	30	10	60	3	440
KS-25-105	448430	6759662	706	SY	357	701	79	269	47	5	44	7	45	9	27	23	4	241	87	58	353	14	2,750
KS-25-106	448438	6759661	708	SY	455	882	99	348	67	6	66	12	78	17	51	47	7	417	80	127	510	20	5,830
KS-25-107	449522	6755545	46	LUJ	1,685	3,010	347	1,150	187	17	151	22	130	24	67	55	8	820	119	127	1,030	108	7,430
KS-25-108	449358	6755631	110	LUJ	1,940	3,430	366	1,185	190	16	146	21	116	22	62	49	6	731	129	110	1,430	207	6,780
KS-25-109	449164	6755392	71	SODFOY	144	253	26	79	10	1	8	1	6	1	4	4	1	46	106	17	114	12	850
KS-25-110	449112	6755329	54	LUJ	1,695	3,180	365	1,210	194	18	158	24	140	27	74	61	9	838	119	128	860	94	7,330
KS-25-111	448644	6755166	182	AUGSY	1,175	2,290	278	978	178	15	135	20	118	24	69	57	8	681	104	147	1,035	78	8,480
KS-25-113	448772	6756806	586	Blackluj	3,410	5,930	615	1,885	254	19	152	20	116	20	49	37	4	802	177	15	1,875	318	1,240
KS-25-114	448706	6756951	601	Syenit	319	683	82	293	54	5	49	8	49	10	30	28	4	252	78	73	296	13	3,520
KS-25-115	448752	6757081	606	Blackluj	3,100	5,570	576	1,785	246	20	147	19	108	19	45	33	4	771	190	17	3,750	256	1,400
KS-25-116	449732	6757306	565	Nau	373	805	88	303	51	4	42	6	32	6	16	12	2	176	85	29	451	20	1,465
KS-25-117	450051	6757473	549	Blacklau	2,890	4,250	361	1,090	133	11	90	14	90	17	50	47	6	654	140	44	1,420	297	4,180
KS-25-118	449873	6757193	536	Nau	273	630	71	247	41	4	33	4	23	4	11	8	1	130	83	19	350	20	843
KS-25-119	452037	6760587	926	BAS	3,540	4,700	427	1,185	122	10	83	13	90	17	55	58	7	774	204	33	606	295	3,090
KS-25-120	452009	6760578	928	SODFOY	198	422	50	181	43	4	34	5	29	6	16	14	2	190	118	45	678	26	2,280
KS-25-121	452003	6760578	929	GRT	2,880	5,240	530	1,615	216	17	123	17	95	16	37	27	3	634	225	7	3,050	145	604
KS-25-122	452056	6760601	925	NAU	218	469	53	183	38	4	37	6	41	8	26	22	3	224	91	52	308	9	2,630
KS-25-123	453192	6759943	670	BAS	41	92	11	44	9	3	9	1	8	2	5	4	1	45	27	4	80	7	190
KS-25-124	453244	6759843	642	NAU	582	1,530	224	911	206	20	215	34	207	41	118	85	12	1,055	60	61	974	18	3,080

SAMPLE	EAST	NORTH	RL	ROCKTYPE	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Yb	Lu	Y	Ga	Hf	Nb	U	Zr
KS-25-125	449874	6760406	1215	AUGSYE	33	78	10	40	8	3	8	1	6	1	3	3	0	32	24	5	36	1	206
KS-25-126	449782	6760552	1201	AUGSYE	150	287	35	123	21	3	18	3	15	3	8	7	1	76	36	17	184	1	695
KS-25-127	448404	6755835	532	LUJ	3,050	4,790	504	1,610	237	18	152	21	125	24	70	59	8	805	109	122	1,030	127	7,610
KS-25-128	448556	6755826	531	LUJ	1,335	2,530	279	979	181	15	122	17	106	20	54	44	6	656	130	90	1,365	131	6,430
KS-25-129	448406	6755722	522	LUJ	3,350	5,890	564	1,710	224	18	151	22	138	24	62	53	7	971	111	62	850	369	3,900
KS-25-130	448488	6755637	520	LUJ	2,920	4,950	528	1,730	274	22	195	28	166	32	88	73	9	1,215	88	112	908	418	8,020
KS-25-131	453137	6759456	650	NAU	502	949	100	344	56	4	37	5	32	6	19	16	2	172	97	49	688	20	2,370
KS-25-132	453092	6759545	677	LUJ	3,660	6,310	673	2,180	299	24	174	22	128	24	65	56	7	967	143	26	813	362	2,360
KS-25-133	450233	6756564	520	LUJ	206	422	47	172	32	2	25	3	18	3	9	8	1	124	167	14	194	13	700
KS-25-134	450243	6756531	477	UNKNOWN	310	589	63	229	41	3	28	4	23	5	14	12	1	136	81	20	216	21	1,215
KS-25-135	456153	6757520	285	LUJ	2,240	2,640	229	616	58	5	40	7	49	10	36	43	6	445	123	37	263	142	3,360
KS-25-136	457425	6758154	650	BAS	27	61	8	36	8	2	8	1	7	1	4	3	1	34	17	5	15	1	246
KS-25-137	455573	6756877	61	LUJ	1,035	2,190	252	941	180	15	126	18	110	20	57	47	6	685	106	80	608	87	7,490
KS-25-138	455574	6756939	87	NAU	391	611	56	174	28	2	22	3	18	4	11	8	1	155	85	3	205	21	203
KS-25-139	455408	6756910	67	LUJ	1,610	3,400	402	1,490	298	26	229	35	222	42	115	100	12	1,300	130	156	973	63	11,950
KS-25-140	450118	6760694	1229	LightPorphyry	83	160	19	72	14	4	11	1	9	2	5	4	1	46	23	11	105	2	572
KS-25-141	450330	6760846	1220	Sandstone	3,560	7,090	724	2,210	287	20	149	15	62	8	15	8	1	288	263	4	2,010	87	195
KS-25-142	450269	6760785	1225	BAS	232	394	53	181	31	2	26	3	20	4	11	10	2	108	45	28	172	5	1,275
KS-25-143	447968	6761597	650	Luj&epidote	1,530	3,170	393	1,455	278	23	214	32	188	34	89	62	7	1,470	148	24	867	369	2,180
KS-25-144	447962	6761615	661	Luj	32	74	10	45	11	3	9	1	7	1	4	3	1	38	20	5	17	1	245
KS-25-145	447819	6761486	611	Nau	170	322	35	126	23	2	22	3	23	5	15	15	2	140	71	36	203	8	1,790
KS-25-146	447687	6757784	522	NAU	1,525	3,500	445	1,790	603	39	720	137	969	202	641	620	76	4,720	111	1,560	4,120	509	>50000
KS-25-147	447575	6757951	544	NAU	338	642	70	246	45	4	38	6	38	7	23	20	2	247	85	33	330	23	2,090
KS-25-148	447398	6758143	576	NAU	369	765	87	329	70	6	71	12	86	17	54	50	6	435	68	117	512	17	5,200
KS-25-149	447801	6760442	575	NAU	379	817	96	347	55	4	41	5	29	5	12	8	1	150	90	10	375	14	618
KS-25-150	447801	6760441	658	Unknown	809	1,435	176	637	114	10	93	13	87	15	49	44	6	536	118	95	927	63	5,780
KS-25-151	447407	6760561	507	LUJ	2,170	3,220	317	899	83	6	68	12	91	18	63	66	8	843	115	26	269	366	2,630
KS-25-152	447343	6760623	512	LUJ	3,630	5,530	546	1,535	121	8	72	11	76	14	48	50	6	624	91	13	344	308	1,345
KS-25-153	447347	6760625	514	NAU	1,400	2,420	241	734	90	8	64	9	57	10	31	29	4	434	100	30	507	167	2,280
KS-25-154	447675	6760745	555	LUJ	2,450	3,470	332	947	96	8	75	12	91	17	55	49	6	785	158	20	673	368	1,920
KS-25-155	448820	6759010	686	Luj	1,495	2,880	339	1,220	216	20	169	23	148	26	77	65	8	977	136	109	1,320	173	7,260
KS-25-156	449926	6758500	673	Nau	600	1,135	137	501	97	8	94	15	108	21	70	66	8	569	68	191	951	18	8,890
KS-25-157	450043	6758529	672	Nau	414	832	84	323	66	6	68	13	89	19	60	59	8	477	80	182	581	17	8,650
KS-25-158	448807	6758485	525	Lujdike	2,030	3,630	359	1,245	184	16	129	19	109	19	50	43	5	659	162	70	2,070	132	5,280
KS-25-159	448822	6758453	500	Nau	202	388	43	139	22	2	17	2	13	2	7	6	1	86	87	15	357	31	669
KS-25-160	448206	6758493	535	Luj	3,150	4,760	486	1,365	169	14	121	17	94	18	53	47	6	722	166	30	1,665	319	2,530
KS-25-161	447964	6758435	545	Luj	3,300	5,190	523	1,485	189	16	129	18	102	19	55	48	6	797	142	30	1,435	306	2,560
KS-25-162	447819	6759830	595	LujDike	3,010	5,380	627	1,950	286	27	225	30	152	26	64	46	5	901	166	32	974	413	2,230
KS-25-163	447767	6760449	653	luj	2,850	4,470	421	1,230	140	12	118	21	155	31	88	80	10	1,305	156	26	237	541	2,170
KS-25-164	448031	6759121	604	Nau	241	543	68	239	41	3	30	4	18	3	6	4	0	84	79	7	336	13	356
KS-25-165	447732	6758872	556	Nau	647	1,070	124	405	71	6	61	9	52	10	28	23	3	311	97	43	392	30	2,520

SAMPLE	EAST	NORTH	RL	ROCKTYPE	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Yb	Lu	Y	Ga	Hf	Nb	U	Zr
KS-25-166	447523	6758540	525	Luj	3,080	5,050	539	1,525	172	15	135	19	107	20	53	40	5	838	125	16	1,160	365	1,140
KS-25-167	447398	6758385	510	Nau	519	977	118	384	64	5	52	6	34	6	14	10	1	193	92	16	775	27	771
KS-25-168	447920	6761064	707	LUJ	3,450	4,280	397	1,015	101	10	86	15	101	22	71	70	9	955	154	37	171	370	3,080
KS-25-169	448409	6761356	807	LUJ	6,960	9,010	847	2,150	186	16	136	22	134	27	81	75	9	1,100	155	30	240	501	2,660
KS-25-170	448487	6761302	813	LUJ	2,370	3,310	328	903	113	12	109	18	119	25	74	65	8	1,045	160	27	207	455	2,340
KS-25-171	448497	6761530	838	LUJ	3,320	6,800	873	2,880	444	43	376	51	281	50	128	85	9	2,220	139	15	244	515	1,170
KS-25-172	448590	6761483	850	LUJ	2,720	5,750	749	2,470	378	36	296	38	193	32	79	50	5	1,355	126	8	228	360	669
KS-25-173	448637	6761531	862	LUJ	2,610	5,780	768	2,580	404	37	313	41	205	35	83	52	5	1,560	167	8	153	394	638
KS-25-174	447619	6760841	654	LUJ	3,740	5,320	528	1,385	128	11	100	16	101	20	57	47	5	871	167	14	275	387	1,180
KS-25-175	453668	6757602	66	NAU	435	873	93	319	61	6	55	9	65	13	40	36	5	314	103	139	561	13	6,060
KS-25-176	453863	6757831	82	NAU	475	1,145	139	515	85	7	61	8	45	8	20	15	2	213	99	41	722	13	2,510
KS-25-177	453914	6757936	94	LUJ	1,715	3,230	370	1,295	234	21	181	26	167	29	81	68	9	1,005	99	110	849	128	7,860
KS-25-178	454080	6758075	110	LUJ	1,915	2,940	299	973	152	13	112	16	101	18	51	44	6	628	81	53	638	153	4,640
KS-25-179	454181	6758079	108	LUJ	1,380	3,010	364	1,335	252	22	191	27	171	30	85	74	10	1,070	122	109	771	130	8,740
KS-25-180	454430	6758103	110	NAU	390	759	83	281	55	5	43	6	42	7	22	18	2	241	148	44	290	24	3,280
KS-25-181	445681	6759635	479	AugSye	72	149	16	60	10	2	7	1	6	1	3	4	1	31	33	7	98	4	326
KS-25-182	445696	6759781	498	ANO	17	35	4	17	3	2	2	0	2	0	1	1	0	10	23	2	10	1	71
KS-25-183	445534	6759904	514	NAU	418	923	109	403	74	6	57	8	48	8	23	17	2	237	86	25	478	26	1,360
KS-25-184	446124	6760496	553	NAU	379	715	78	274	49	4	37	5	38	7	21	18	3	198	96	35	325	20	1,785
KS-25-185	446552	6759263	455	NAU	484	1,030	119	444	95	8	80	13	84	16	48	42	6	465	131	86	539	18	5,520
KS-25-186	449684	6761545	1041	NAU	346	657	70	238	40	3	31	5	29	5	16	15	2	174	114	24	291	21	1,295
KS-25-187	448699	6761006	819	NAU	349	756	89	328	62	5	53	8	52	10	28	26	4	257	80	58	433	11	2,640
KS-25-188	448728	6760896	816	NAU	390	723	75	248	47	5	43	7	48	10	30	29	4	278	92	82	410	29	3,850
KS-25-189	448736	6760842	814	NAU	452	917	102	367	75	6	67	11	75	15	47	44	6	389	91	130	707	18	5,970
KS-25-190	447130	6758524	479	LUJ	3,360	4,960	482	1,370	161	13	119	18	118	22	61	47	6	948	167	15	285	397	1,235
KS-25-191	446990	6758390	463	LUJ	1,525	2,860	327	1,120	190	17	137	19	120	21	61	51	7	700	140	130	1,025	116	7,490
KS-25-192	447093	6758096	480	NAU	848	1,655	191	711	161	14	149	27	189	40	115	106	14	937	89	296	997	32	15,050
KS-25-193	447239	6758074	499	NAU	282	615	70	252	44	3	31	4	24	4	10	8	1	115	90	16	289	12	709
KS-25-194	447541	6758160	532	NAU	196	396	44	148	25	2	18	2	14	2	7	7	1	81	93	22	243	11	872
KS-25-195	447764	6758050	559	NAU	202	397	43	151	27	2	22	3	22	4	12	10	1	121	76	30	225	16	1,360
KS-25-196	447834	6758067	566	NAU	192	394	44	159	30	2	24	4	23	4	13	11	1	134	93	31	436	18	1,410
KS-25-197	447310	6756213		BasPorfyr	47	103	13	53	10	4	9	1	7	1	3	3	0	32	22	4	34	1	186
KS-25-198	447148	6756226		Bas	176	354	38	136	24	2	19	3	18	3	10	11	2	95	59	31	176	10	1,355
KS-25-199	447024	6756233		Brownstone	88	165	20	73	12	3	11	1	9	2	5	5	1	46	36	11	56	2	461
KS-25-200	446964	6756217		Bas	181	381	42	159	29	1	22	3	21	4	12	12	2	108	43	30	156	5	1,345
KS-25-201	445580	6759323		nau	390	821	95	357	67	5	54	8	48	9	25	21	3	248	92	31	413	18	1,820
KS-25-202	445899	6759675		anorthosit	112	171	17	50	6	1	4	0	2	0	1	1	0	15	21	1	7	1	48
KS-25-203	446179	6761048		Gab	414	718	70	216	32	3	26	4	27	5	16	14	2	155	111	44	194	15	2,540
KS-25-204	446076	6759370		nau	52	86	13	51	10	4	8	1	6	1	3	2	0	31	24	4	21	1	145
KS-25-301	449663	6761616	735	NAU	224	443	48	163	31	3	25	4	26	5	16	14	2	146	91	34	259	14	1,590
KS-25-302	448788	6760826	645	SOD-FOY	415	788	84	290	56	5	50	8	59	13	39	36	5	310	80	107	481	16	5,080

SAMPLE	EAST	NORTH	RL	ROCKTYPE	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Yb	Lu	Y	Ga	Hf	Nb	U	Zr
KS-25-303	448965	6760722	679	SOD-FOY	434	931	105	400	77	7	67	12	75	15	47	40	6	388	77	75	479	20	3,300
KS-25-304	448349	6759747	698	NAU	453	966	105	390	73	7	64	11	68	13	42	35	5	338	79	106	595	19	4,710
KS-25-305	448554	6759455	796	NAUE	570	1,130	117	428	82	8	76	14	93	19	62	56	8	498	78	166	639	26	7,150
KS-25-306	448537	6759559	711	SOD-FOY	382	774	83	300	55	5	45	8	50	10	32	28	4	267	77	80	442	17	3,730
KS-25-307	448692	6759444	717	SYE	2,450	4,770	463	1,405	191	14	102	13	77	13	30	22	3	514	300	11	4,570	203	879
KS-25-308	448544	6759410	788	SOD-FOY	516	1,080	117	425	76	7	62	10	62	11	34	29	4	309	83	65	591	20	2,940
KS-25-309	447923	6759190	654	NAU	721	1,535	167	638	129	12	119	22	139	27	87	75	10	697	83	208	1,020	28	8,990
KS-25-310	448471	6759434	758	SOD-FOY	334	678	72	263	48	4	42	7	45	9	28	24	4	239	84	70	376	14	3,180
KS-25-311	448573	6759452	813	SYE	332	635	65	225	41	4	35	6	40	8	27	24	3	244	86	57	383	16	2,740
KS-25-312	448617	6759433	831	SYE	507	1,080	111	385	67	4	49	8	45	8	26	25	4	223	50	70	466	28	2,870
KS-25-313	448645	6759451	856	GRA	588	1,105	115	378	67	4	50	9	55	11	35	33	5	319	52	104	656	40	4,450
KS-25-314	448699	6759423	851	SYE-RA	3,090	6,030	608	1,935	261	19	134	14	63	8	19	11	1	333	358	8	4,660	103	288
KS-25-315	448739	6759486	870	SYE-RA	444	1,360	107	385	81	5	71	14	90	18	60	55	8	466	76	140	957	71	5,380
KS-25-316	448887	6759486	885	GRA	455	1,005	81	267	47	2	31	5	31	6	19	23	4	134	43	73	523	32	2,870
KS-25-317	448795	6759800	898	SYE	461	1,080	105	364	69	4	57	11	72	14	46	43	6	370	45	107	875	52	4,230
KS-25-318	447382	6757586	493	ZR-Min	1,700	3,780	454	1,690	434	25	418	79	562	120	337	304	39	2,680	133	947	3,470	262	37,900
KS-25-319	447138	6758699	417	NAU	597	1,095	107	357	54	4	37	6	32	6	17	12	2	216	117	12	436	42	649
KS-25-320	447727	6755820	540	FEN	740	1,515	140	478	78	7	60	11	67	13	40	34	5	417	123	70	800	58	4,420
KS-25-321	447562	6757730	488	ZR-Min	746	1,560	169	630	117	10	96	17	103	20	66	56	8	557	117	177	1,035	38	7,990
KS-25-322	447327	6757402	471	ZR-Min	5,250	9,950	974	2,850	287	20	137	17	84	12	31	19	2	502	116	20	2,050	165	1,110
KS-25-323	447664	6757755	488	ZR-Min	1,140	2,810	336	1,260	364	24	405	79	479	105	321	284	34	2,640	123	804	3,700	293	33,500
KS-25-324	447687	6757778	489	ZR-Min	1,150	2,790	312	1,195	391	27	481	99	644	152	509	523	66	3,800	107	1,360	4,670	492	>50000
KS-25-325	446923	6757778	594	UNS	962	1,750	178	595	80	8	53	7	40	7	19	15	2	245	60	23	415	49	1,185
KS-25-326	447536	6757919	509	ZR-MIN	1,450	3,380	391	1,435	374	22	350	68	476	100	281	255	31	2,190	130	792	3,990	220	31,900
KS-25-327	448236	6758185	484	ZR-MIN	1,035	2,370	282	1,060	241	13	217	40	261	51	159	132	19	1,255	125	310	3,130	141	10,350
KS-25-328	447003	6757921	559	SYE	707	1,325	130	437	61	4	42	6	37	7	21	17	2	197	112	30	182	16	1,445
KS-25-329	449923	6758548	487	NAU	1,915	3,790	443	1,715	375	31	373	73	470	97	324	271	39	2,410	46	769	3,210	33	29,800
KS-25-330	449728	6758255	533	LUJ_AEG?	2,350	3,450	327	989	131	11	92	15	92	18	59	59	9	731	139	56	1,050	239	4,690
KS-25-331	447350	6757431	466	FEN_RA	8,730	16,450	1,540	4,220	412	28	221	31	158	24	61	36	4	1,050	75	9	943	585	542
KS-25-332	447263	6757458	479	FEN_RA	7,240	13,550	1,220	3,480	314	20	140	18	87	13	32	16	2	574	159	3	1,275	231	169
KS-25-333	447320	6757353	477	FEN_RA	4,830	9,130	837	2,370	235	16	123	16	90	15	33	20	2	594	225	8	1,875	268	510
KS-25-334	447595	6757506	479	FEN_RA	2,050	3,710	386	1,280	190	16	130	20	108	19	58	45	6	666	73	93	1,500	134	5,080
KS-25-335	448112	6756445	653	FEN_RA	1,580	2,980	334	1,100	169	13	120	17	93	17	46	37	5	593	166	79	1,510	130	4,450
KS-25-336	448190	6756358	616	FEN_RA	2,610	4,420	456	1,390	196	16	139	22	120	22	62	50	6	727	123	103	1,425	141	5,820
KS-25-337	447927	6756747	687	FEN_RA	4,530	7,910	741	2,070	212	15	115	15	72	11	26	15	2	457	139	5	1,645	161	299
KS-25-338	447846	6757131	550	FEN_RA	2,960	5,730	608	1,895	226	16	118	13	62	8	19	9	1	376	145	2	1,315	68	114
KS-25-339	447676	6757200	521	FEN_RA	1,575	2,760	289	932	144	12	107	17	97	19	54	47	6	594	117	109	1,200	81	6,080
KS-25-340	446184	6758205	235	FEN_RA	2,110	3,630	367	1,165	176	15	134	21	122	23	66	56	7	808	119	110	984	186	6,790
KS-25-341	448741	6759762	882	SYE_RA	830	1,885	163	517	87	6	68	13	81	16	49	47	7	481	164	114	1,625	88	4,640
KS-25-342	448707	6759566	873	SYE_RA	3,350	5,970	613	1,885	246	19	153	21	108	18	45	33	4	753	229	12	3,500	257	1,020
KS-25-343	448726	6759506	868	SYE_RA	3,700	6,780	656	1,920	229	16	121	16	83	13	33	23	3	576	276	8	4,250	120	653

SAMPLE	EAST	NORTH	RL	ROCKTYPE	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Yb	Lu	Y	Ga	Hf	Nb	U	Zr
KS-25-344	447992	6758115	493	ZR-MIN	1,195	2,410	259	898	209	13	212	43	287	61	196	172	23	1,765	99	737	2,330	212	30,700
KS-25-345	447965	6758058	487	ZR-MIN	2,510	6,030	730	2,800	633	36	600	112	713	146	440	378	49	3,180	108	629	3,950	161	25,700
KS-25-346	447778	6757837	482	ZR-MIN	1,975	4,900	593	2,340	656	39	611	112	793	183	611	587	75	4,480	118	2,010	4,890	452	>50000
KS-25-347	447679	6757628	491	ZR-MIN	1,360	3,150	356	1,335	395	25	450	83	577	125	391	345	42	3,230	123	1,820	3,650	445	>50000
KS-25-348	445601	6758286	111	LUJAEG?	2,550	3,400	323	940	111	8	69	10	54	10	28	24	3	362	149	38	375	54	2,920
KS-25-349	446222	6758715	164	LUJAEG	1,680	3,740	450	1,620	291	25	221	34	194	35	99	83	11	1,270	107	120	822	154	9,980
KS-25-350	446320	6758278	253	LUJAEG	3,260	4,490	422	1,205	139	11	90	13	74	14	42	40	6	561	131	54	430	132	4,610
KS-25-351	446505	6758354	278	LUJAEG	1,040	2,060	240	877	167	16	135	22	131	25	73	61	8	812	105	134	768	93	7,930
KS-25-352	446005	6758450	145	AUG_SYE	727	716	47	108	13	2	10	2	8	1	4	4	1	81	100	2	554	166	129
KS-25-353	446400	6758138	337	SYE-RAD	1,585	2,980	313	1,050	173	15	138	22	130	24	71	60	8	823	127	127	880	146	7,230
KS-25-354	446601	6758390	296	LUJAEG	2,620	3,670	322	934	109	9	73	11	67	13	39	38	6	473	119	64	413	101	4,690
KS-25-355	446179	6758547	161	LUJAEG	2,580	5,290	617	2,170	372	32	285	44	245	45	124	101	13	1,595	100	149	1,035	212	13,300
KS-25-356	448133	6756762	685	SYE	1,505	2,930	333	1,190	240	23	230	43	278	59	181	162	21	1,400	56	674	2,130	17	28,800
KS-25-357	448740	6758884	879m	LUJ	3,200	5,030	481	1,395	167	13	110	16	92	17	47	40	5	683	135	30	2,140	270	2,440
KS-25-358	446001	6758477	155	AUG_SYE	453	593	51	152	23	3	15	2	9	2	4	4	0	70	77	6	845	293	339
KS-25-359	448685	6759581	859	FEN-RA	3,420	6,390	638	1,955	255	20	157	21	115	20	53	40	5	906	210	15	1,065	213	1,320
KS-25-360	446612	6758183	377	LUJAEG	1,415	2,560	290	997	171	15	136	22	125	23	66	55	7	767	113	130	937	117	7,430

LUJ	Lujavrite	**BAS**	Basalt
NAU	Naujaite	**SY**	Syenite
AUG	Augite	**FEN**	Fenite
UNKN	Unknown	**FOY**	Foyaite
SOD	Sodalite	**ARF**	Arfvedsonite
LUJ	Lujavrite	**ZR_MIN**	ZirconMineralization
PEG	Pegmatite	**ANO**	Anorthosite
GRT	Granite	**PORP**	Porphyry
RHY	rhyolite	**GRT**	Granite
AEG	Agerine	**Sandstone**	Sandstone
Blackluj	Blakclujavrite		