

27<sup>th</sup> January 2026

ASX Market Announcements

## **DRILLING COMMENCES FOR RARE EARTH ELEMENTS EXPLORATION AT LAMEROO, COODALYA, AND KARTE, MALLEE PROJECT, SOUTH AUSTRALIA**

Kaili Resources Limited (“Company”) is pleased to announce that the planned Aircore drilling will commence tomorrow as the crew prepare equipment arrived on site today at the Mallee Project - Lameroo EL 6856, Coodalya EL 6978 and Karte EL 6977 tenements within the Murray Basin in South Australia (**Figure 1**).

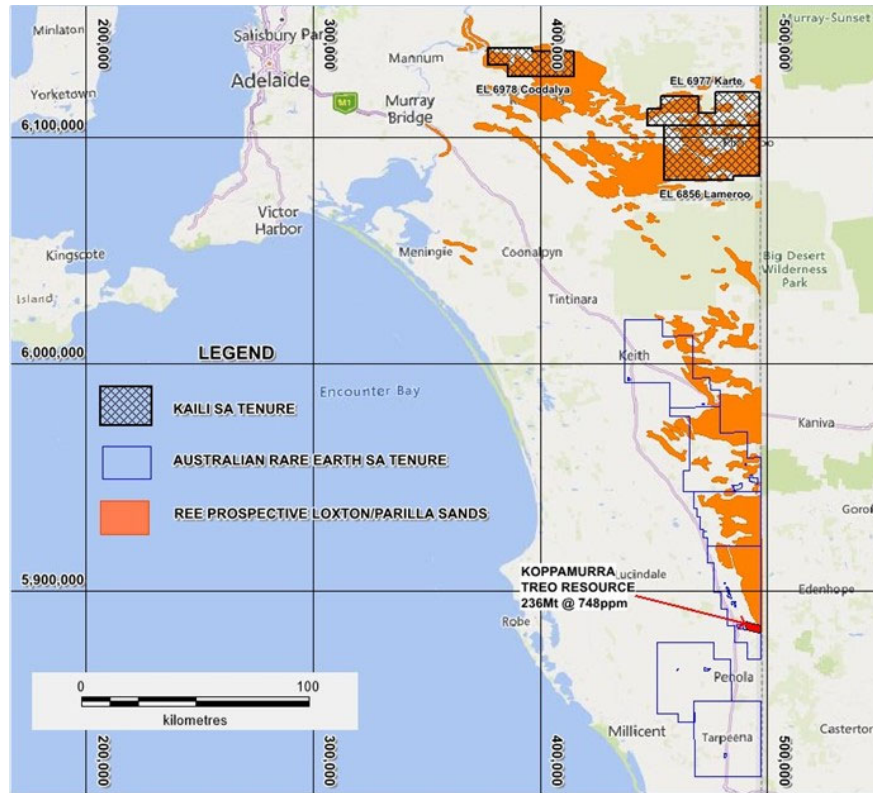
The 3 tenements are approximately 200 kms east of Adelaide accessible by highway and overlay the Loxton/Parilla Sands (**Figure 2**) of the region. Rare Earth Elements (“REEs”) are reportedly contained within the fine clay fraction of Tertiary (65 to 2.5 Million Years Ago) Strandlines (ionic clay style of deposit) in the basin.

Australian Rare Earths (ASX:AR3) has reported exploration success within their tenements in the region with estimated JORC 2012 resource of 236 Mt @ 748 ppm Total Rare Earth Oxides (TREO) (*see AR3 ASX Release of 30<sup>th</sup> September 2024*) and is conducting a pre-feasibility study with a \$5 million Australian Government co-funding grant.

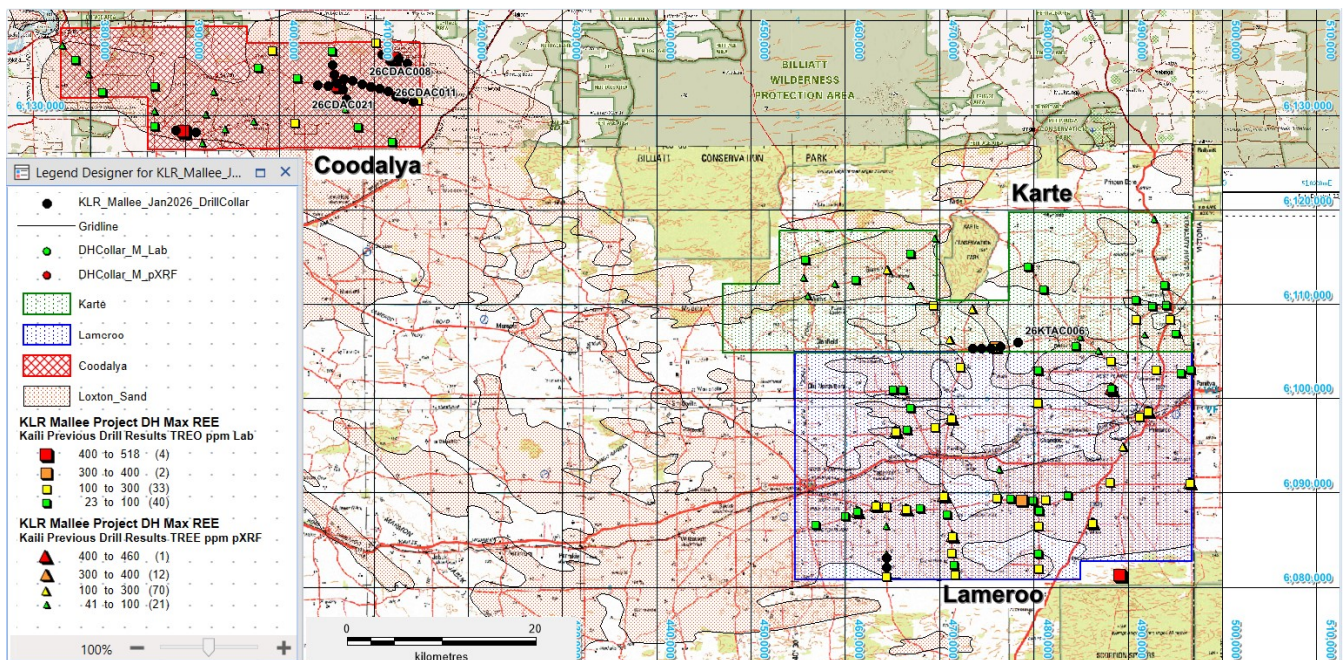
This program aims to identify areas of potential with minimum disruptions on private land by locating the holes along roadside verges with local council approvals and purposely widely spaced to cover a significantly large area across the target Loxton/Parilla Sands stratigraphy (**Figure 2**). A total of 30 holes to an average depth of up to 20 metres for a proposed total of up to 600 m metres of drilling is planned for this program focussing predominantly on the Coodalya tenement having regards to the results announced on 20 October 2025 for the drilling program of September 2025.

Principal Geologist commented:

*“This low cost initial drilling program for REEs will provide additional information for review in conjunction with the detailed geological logging to be able to direct our focus for subsequent drilling programs. The Department of Energy and Minerals has given approval for exploration drilling of up to 300 holes for a total of up to 6,000 metres”.*



**Figure 1: Location of Granted Lameroo, Karte and Coodalya Rare Earth Exploration Tenements in Murray Basin South Australia**



**Figure 2 Drill collar location plan Lameroo, Karte and Coodalya and previous drill results**

Ten.ID	Tenement	Road	HoleID	Easting	Northing	Elevation
EL6978	Coodalya	Schiller	26CDAC001	388992	6128414	95
EL6978	Coodalya	Schiller	26CDAC002	391126	6128171	91
EL6978	Coodalya	Kilpalie	26CDAC003	404054	6133229	65
EL6978	Coodalya	Kilpalie	26CDAC004	405148	6133142	59
EL6978	Coodalya	Kilpalie	26CDAC005	406075	6133357	61
EL6978	Coodalya	Kilpalie	26CDAC006	406849	6133802	60
EL6978	Coodalya	Kilpalie	26CDAC007	407776	6133617	57
EL6978	Coodalya	Kilpalie	26CDAC008	408738	6133281	55
EL6978	Coodalya	Kilpalie	26CDAC009	409639	6132990	50
EL6978	Coodalya	Kilpalie	26CDAC010	410620	6132796	51
EL6978	Coodalya	Kilpalie	26CDAC011	411547	6132523	56
EL6978	Coodalya	Kilpalie	26CDAC012	412315	6132036	54
EL6978	Coodalya	Kilpalie	26CDAC013	413214	6131737	57
EL6978	Coodalya	Kilpalie	26CDAC014	414152	6131463	54
EL6978	Coodalya	Lalirra	26CDAC015	413564	6135534	59
EL6978	Coodalya	Lalirra	26CDAC016	412626	6135957	63
EL6978	Coodalya	Lalirra	26CDAC017	411683	6135787	61
EL6978	Coodalya	Lalirra	26CDAC018	410843	6136396	69
EL6978	Coodalya	Garrick Bore	26CDAC019	405600	6135280	62
EL6978	Coodalya	Garrick Bore	26CDAC020	405770	6134305	59
EL6978	Coodalya	Garrick Bore	26CDAC021	406752	6132737	56
EL6978	Coodalya	Garrick Bore	26CDAC022	407048	6131717	54
EL6977	Karte	Claypan East	26KTAC001	473508	6105268	103
EL6977	Karte	Claypan East	26KTAC002	474482	6105239	105
EL6977	Karte	Claypan East	26KTAC003	475464	6105272	99
EL6977	Karte	Claypan East	26KTAC004	476489	6105388	93
EL6977	Karte	Claypan East	26KTAC005	476489	6105388	93
EL6977	Karte	Claypan East	26KTAC006	478311	6105886	94
EL6856	Lameroo	Duckhole	26LMAC001	464373	6082078	123
EL6856	Lameroo	Duckhole	26LMAC002	464409	6083067	105

**Table 1** Planned January 2026 Drilling – Kaili Mallee Project

### **Background**

In prior periods, the Company had conducted pXRF scan of samples from selected historic drill holes held by the SA Government and collected and assayed samples from fresh outcropping granite at Lameroo. Having regards to the information obtained the Company completed an initial widely spread drilling program along road verges at Lameroo in February 2024 to identify areas for infill drilling. Follow up drilling in 2025 mainly within the Karte and Coodalya tenements in September 2025 delineated elevated TREO within the Coodalya tenement.

*(See the Company's ASX Announcement on 25<sup>th</sup> March 2024 and 20<sup>th</sup> October 2025 for the JORC tables and list of results for each hole.)*

### **Competent Person Statement**

*The information in the report above that relates to Exploration Results, Exploration Targets and Mineral Resources is based on information compiled by Mr Mark Derriman, who is the Company's Consultant Geologist and a member of The Australian Institute of Geoscientists (1566). Mr Mark Derriman has sufficient experience that is relevant to the style of mineralization and type of deposit under consideration and to the 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, Exploration Targets, Mineral Resources and Ore Reserves. Mr Mark Derriman consents to the inclusion in this report of matters based on his information in the form and context in which it appears.*

### **Forward-Looking Statement**

*This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning planned exploration program and other statements that are not historical facts. When used in this document, the words such as "could", "plan", "estimate", "expect", "intend", "may", "potential", "should" and similar expressions are forward-looking statements. Although Kaili Resources Limited believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statements.*

### **Authorised by.**

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# JORC Code, 2012 Edition – Table 1 Limestone Coast (ELs 6856, 6977 and 6978)

## Proposed Drill Collars for Aircore Drilling Program January 2026

### Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <li><i>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.</i></li> <li><i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></li> <li><i>Aspects of the determination of mineralisation that are Material to the Public Report.</i></li> <li><i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>No sampling has commenced</li> </ul>
Drilling techniques	<ul style="list-style-type: none"> <li><i>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).</i></li> </ul>	<ul style="list-style-type: none"> <li>Proposal to drill fifty five (30) vertical aircore holes to planned depths of 20m for a planned 600m</li> <li>Will be drilled by GPS Drilling</li> <li>Drilling along district council verges</li> <li>Holes will not be oriented</li> </ul>
Drill sample recovery	<ul style="list-style-type: none"> <li><i>Method of recording and assessing core and chip sample recoveries and results assessed.</i></li> <li><i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i></li> <li><i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>A 3kg split will be collected for every meter in a pre-numbered calico bag, the remainder of the meter interval will be put back down the hole as part of the rehabilitation.</li> <li>Every effort will be made by the drillers to maximise recovery.</li> <li>A representative sample of every meter will be collected in pre numbered plastic chip trays</li> <li>All chip trays and rehabilitation will be photographed</li> </ul>

Criteria	JORC Code explanation	Commentary
Logging	<ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul style="list-style-type: none"> <li>The drill holes will be logged by an experienced geological contractor employed by Perth Based Consultancy Speccy Science(SS)</li> <li>The detail of the logging is appropriate for the early stage of exploration.</li> <li>Every meter will be logged individually</li> </ul>
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>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.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul style="list-style-type: none"> <li>All samples will be collected and placed in prenumbered calico bags.</li> <li>The meter samples will be scanned initially with the Evident Vanta pXRF and based on the pXRF readings and detailed logging selected samples to be sent to ALS for full multi element geochemical analyses</li> <li>This is appropriate for the early level of exploration and appropriate for the material being sampled.</li> </ul>
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>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.</li> <li>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.</li> </ul>	No assays taken as yet
Verification of sampling and assaying	<ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul style="list-style-type: none"> <li>Sample sites were chosen by the Speccy Science Principal Geologist and verified by the site geologist.</li> <li>All drill collars will be based on hand-held GPS sample locations.</li> <li></li> </ul>

Criteria	JORC Code explanation	Commentary
<i>Location of data points</i>	<ul style="list-style-type: none"> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul style="list-style-type: none"> <li>All drill collars will be initially surveyed using a hand-held GPS accurate to 3 meters.</li> <li>The grid system used in MGA 2020 Zone 54 with the drill collars located in the field with a hand-held GPS using the MGA 2020 Zone 54 datum.</li> <li>A collar table is included with the announcement</li> </ul>
<i>Data spacing and distribution</i>	<ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>Whether the data spacing, and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul style="list-style-type: none"> <li>Drill spacing is appropriate for this stage of Exploration.</li> <li>Sample spacing has been designed to allow appropriate anomaly definition for this early stage of exploration.</li> </ul>
<i>Orientation of data in relation to geological structure</i>	<ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul>	<ul style="list-style-type: none"> <li>Drill traverses has been designed along road verges with available sites for an aircore drilling operation targeting the flat lying Loxton Parilla Sands to a maximum depth of 20m.</li> </ul>
<i>Sample security</i>	<ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>	<ul style="list-style-type: none"> <li>No sampling completed as yet</li> </ul>
<i>Audits or reviews</i>	<ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>	<ul style="list-style-type: none"> <li>The sampling technique will be reviewed onsite by Speccy Science and the site geologist.</li> </ul>

## Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
<i>Mineral tenement and land tenure status</i>	<ul style="list-style-type: none"> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul>	<ul style="list-style-type: none"> <li>Drilling will be within EL 6856 (Lameroo), 6977 Karte and 6978 Coodalya in South Australia, Australia</li> <li>The tenements are owned by Kaili Gold, Pty Ltd a subsidiary of Kaili Resources Limited.</li> <li>The tenements are located in South Australia approximately 200km east of Adelaide</li> <li>Lameroo and Pinaroo are the nearest towns</li> <li>There are no JVs and Royalties</li> <li>There are no Native Title claimants</li> </ul>

Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> <li>The tenements are located in the Limestone Coast Inspectorate</li> </ul>
Exploration done by other parties	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul style="list-style-type: none"> <li>Churchill explored for diatomite bearing siltstone in the top of the Parilla sand in the central portion of the licence.</li> <li>Agricola Minerals for diatomite deposits near the town of Germanium bearing siltstone in the top of the Parilla sand in the central portion of the licence following the work of Churchill who didn't measure absorbencies – no diatomite indicated..</li> <li>Iluka Resources explored for heavy minerals across the tenement with rutile and zircon not being abundant.</li> </ul>
Geology	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<ul style="list-style-type: none"> <li>Loxton/Parilla Sands of the Murray Basin, ionic clay hosted REE mineralisation.</li> </ul>
Drill hole Information	<ul style="list-style-type: none"> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: <ul style="list-style-type: none"> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul>	<ul style="list-style-type: none"> <li>All drill collar information is included in a Table in the announcement</li> </ul>
Data aggregation methods	<ul style="list-style-type: none"> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul style="list-style-type: none"> <li>No sampling completed</li> </ul>
Relationship between	<ul style="list-style-type: none"> <li>These relationships are particularly important in the reporting of Exploration Results.</li> </ul>	<ul style="list-style-type: none"> <li>The potential mineralisation is located in the Murray Basin and the target is the flat or near flat lying Loxton/Parilla sands.</li> </ul>



Criteria	JORC Code explanation	Commentary
<i>mineralisation widths and intercept lengths</i>	<ul style="list-style-type: none"> <li><i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></li> <li><i>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</i></li> </ul>	<ul style="list-style-type: none"> <li>the sampling is appropriate for this level of exploration</li> </ul>
<i>Diagrams</i>	<ul style="list-style-type: none"> <li><i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i></li> </ul>	<ul style="list-style-type: none"> <li>A table showing the drill collar locations in relation to ELs 6856, 6977 and 6978 is included in the announcement.</li> </ul>
<i>Balanced reporting</i>	<ul style="list-style-type: none"> <li><i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i></li> </ul>	<ul style="list-style-type: none"> <li>No sampling as yet</li> </ul>
<i>Other substantive exploration data</i>	<ul style="list-style-type: none"> <li><i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i></li> </ul>	<ul style="list-style-type: none"> <li>There is no other relevant information to add</li> </ul>
<i>Further work</i>	<ul style="list-style-type: none"> <li><i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></li> <li><i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></li> </ul>	<ul style="list-style-type: none"> <li>Infill and extension drilling along the road verges ahead of more closely spaced drilling within freehold land parcels adjacent to the road drilling sited within EL 6856, 6977 and 6978.</li> </ul>