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## UPDATED EXPLORATION TARGET FOR TRANSITION'S VANADIUM DISCOVERY

### Key Highlights

- **Exploration Target is estimated from 2022 drilling at the Company's 100%-owned Barkly Zone, Northern Territory. Drilling intercepts on which the Target is based are documented in release to shareholders dated 10 November 2022. Drilling data are disclosed in Appendix 1.**
- **Drilling data indicate vanadium mineralisation from surface and in sub-horizontal strata hosted within saprolitic clays.**
- **Mineralisation is open in all directions.**
- **At Vanadis, the vanadium mineralisation occurs a few metres above the rare earth elements (REE)-enriched zone, creating a 'combination project' of two sub-horizontal horizons of parallel mineralisation that contribute to economic prospectivity.**

### Barkly V Exploration Target

Further to the Company's announcement on January 4<sup>th</sup> of its determination of an Exploration Target for rare earth elements at its Barkly Zone, Northern Territory (Transition Minerals 100%), the Company is pleased to announce determination of an additional Exploration Target for vanadium in a zone overlying the rare earth target following 2022 drilling (Figure 1).



Figure 1: Drilling at Vanadis.

The Exploration Target (Table 1) of 10–50 million tonnes at 0.16–0.2% V<sub>2</sub>O<sub>5</sub> (vanadium pentoxide) is reported in accordance with the JORC Code (2012) and has been determined by a Competent Person.

The potential quantity and grade of the Exploration Target is conceptual in nature; there has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource.

Table 1: Barkly Exploration Target

Category	Million Tonnes	V <sub>2</sub> O <sub>5</sub> %
Exploration Target	10–50	0.16–0.20

The Company has commenced mineralogical investigation utilising RSC's scanning electron microscope and geochemical expertise. This is intended to support continued test work towards developing a process flow sheet for potential economic recovery of the vanadium. This preliminary mineralogical assessment is anticipated to conclude early in 2023, with metallurgical test work anticipated to continue through 2023.

Notably, both the vanadium and the underlying REE mineralisation is open in all directions. At Vanadis, the sub-horizontal vanadium mineralisation occurs 2–4 m above the REE-enriched horizon (Figure 2, Figure 3 and Figure 4). The Company is now working to understand the controls on mineralisation better, to help with the next stage of exploration.

Preliminary assessment of the *combined* potential for commercially feasible vanadium and REE extraction indicates that the project presents a unique opportunity to develop a future-facing minerals project. The project has excellent potential to contribute to Australia’s green energy transition, and provide access to a reliable, secure, and resilient supply of multiple critical minerals.

The combination of *both V and REE* prospectivity, from surface, makes this a unique project in a safe jurisdiction at the pivotal time in the world’s quest for a sustainable future.

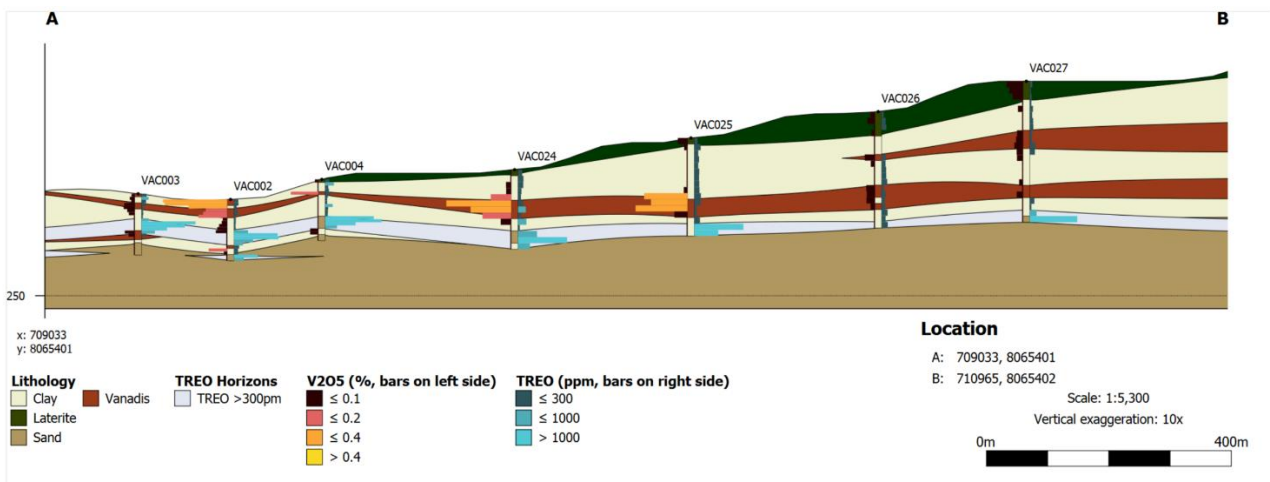


Figure 2: Vanadis west (left) to east (right) cross-section demonstrating the stacked vanadium mineralised beds overlying the Total Rare Earth Oxide (TREO) horizon (10x vertical exaggeration).

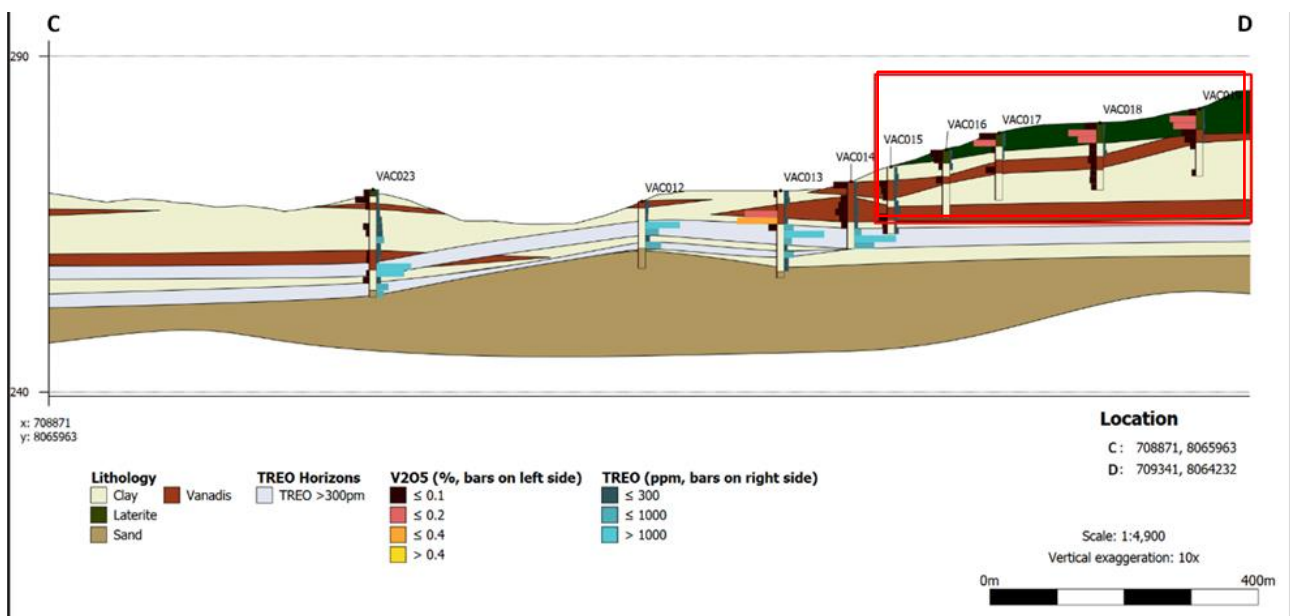






















Figure 3: Vanadis north (left) to south (right) cross-section demonstrating the stacked vanadium mineralised beds overlying the TREO horizon (10x vertical exaggeration) and shallow drilling in the south (inside red box).

	Interval (m)	V <sub>2</sub> O <sub>5</sub> (%)	TREO (ppm)
	0 – 0.5	<b>0.391</b>	194
	0.5 – 1.0	<b>0.459*</b>	222*
	1.0 – 1.5	<b>0.255</b>	125
	1.5 – 2.0	<b>0.158</b>	129
	2.0 – 2.5	<b>0.146</b>	192
	2.5 – 3.0	0.019	101
	3.0 – 3.5	0.027	85
	3.5 – 4.0	0.054	82
	4.0 – 4.5	0.064	70
	4.5 – 5.0	0.105	81
	5.0 – 5.5	0.009	<b>638</b>
	5.5 – 6.0	0.017*	<b>2896*</b>
	6.0 – 6.5	0.010*	<b>2541*</b>
	6.5 – 7.0	0.007	<b>867</b>
	7.0 – 7.5	0.011	408
	7.5 – 8.0	0.095	236
	8.0 – 8.5	0.019	186
	8.5 – 9.0	0.020	184
	9.0 – 9.5	0.016*	<b>1132*</b>
	9.5 – 10.0	0.006	447

\* Corrected following Li-Borate fusion analysis (ME-MS81)

Figure 4 Drillhole VAC002 drill chips and laboratory assay values for vanadium and rare earths



## Next Steps

The Company has identified that the Barkly Project, encompassing 8,124 km<sup>2</sup> of granted tenure, has the potential to contain a large-scale, vanadium and high-grade clay-hosted REE combination project. The next steps include the following.

1. Initial mineralogical and metallurgical test work to commence the characterisation of REE and vanadium mineralisation, to ascertain the potential processing and recovery options of a rare earth element and vanadium product streams.
2. Consider a preliminary scoping exercise to determine possible V and REE extraction scenarios.
3. Pending results of the preliminary mineralogical and metallurgical testing, the Company will look to report a Mineral Resource Estimate in accordance with JORC (Q1 2023).
4. Given that the target is open in all directions, Transition is planning a significant drilling campaign to expand the initial resource (Q2-3 2023).
5. IPO is planned for 2023 pending favourable market conditions.

Transition Minerals will be seeking additional financial support to undertake these planned future works in the coming months.

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## *Competent Person Statement*

The information in this presentation that relates to the Exploration Results and Exploration Target is based on information evaluated by René Sterk who is a Fellow of The Australasian Institute of Mining and Metallurgy (FAusIMM), who is a Chartered Professional with the AusIMM, a Registered Professional Geologist with the AIG, and holds an ex-officio position on the JORC committee. He has sufficient experience relevant to the activity 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, Mineral Resources and Ore Reserves (JORC Code 2012). Mr Sterk is Chairperson of Transition Minerals Limited and he consents to the inclusion in this report of the information in the form and context in which it appears. Mr Sterk indirectly holds shares in Transition Minerals Limited, and is the main shareholder and managing director of RSC, the geological service company contracted to undertake the exploration work on behalf of Transition Minerals Limited.

## JORC 2012 EDITION — TABLE 1

## Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections)

Criteria	JORC Code explanation	Commentary
<b>Sampling techniques</b>	<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>• All drill samples were collected through a cyclone into plastic bags at 0.5m intervals (holes VAC001 – VAC005) or 1m intervals (VAC006 – VAC039, KAC001 – KAC052, BAC001 – BAC007). All samples were weighed before individually passed through a 50:50 riffle splitter for homogenising, then subsampled into ~2kg samples within numbered calico bags.</li> <li>• Representivity was ensured through the application of SOPs that specified processes to optimise recovery and prevent contamination and sampling errors.</li> <li>• A &gt;2mm sieve fraction was collected for each sample interval, washed and stored in chip trays for geological logging purposes.</li> <li>• The &lt;2mm fraction of each sieved sample was collected in a container and transferred into a custom cup for use in a portable XRF unit for preliminary analysis.</li> <li>• The Competent Person has reviewed the sampling procedures and considers that the sampling is appropriate for the indication of the presence of mineralisation.</li> </ul>
<b>Drilling techniques</b>	<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>• The contractor, McLeod Drilling, used a Reverse Circulation Aircore drill rig mounted on a 6-wheel drive Toyota Landcruiser.</li> <li>• Aircore drilling used a 76mm mini face-sampling RC hammer bit where the sample is collected at the face and returned inside the inner tube. The drill cuttings were removed by the injection of compressed air into the hole via the annular area between the inner tube and the drill rod.</li> <li>• Aircore drill rods are 3m NQ rods.</li> <li>• All aircore drill holes were between 9m and 35m in length and drilled vertically.</li> <li>• The Competent Person has inspected the drilling programme and considers that the drilling technique is appropriate for the indication of</li> </ul>

Criteria	JORC Code explanation	Commentary
		the presence of mineralisation.
<b>Drill sample recovery</b>	<ul style="list-style-type: none"> <li>• Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>• Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>• Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>	<ul style="list-style-type: none"> <li>• Assessment of recovery was undertaken by weighing each sample and monitoring these against theoretical maximum values.</li> <li>• Drilling was slowed in tough ground and holes redrilled if poor recoveries encountered. SOPs were in place to ensure consistency.</li> <li>• No relationship exists between sample recovery and grade, and it is unlikely that grades are either upgraded or downgraded due to recovery issues.</li> </ul>
<b>Logging</b>	<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>• All samples were geologically logged to include details such as colour, grain size, indicative moisture content and lithology. Multi-element geochemistry was obtained from pXRF, which, together with the qualitative logging is to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>• The holes were logged in both a qualitative and quantitative (pXRF) manner.</li> <li>• All intervals were logged.</li> </ul>
<b>Sub-sampling techniques and sample preparation</b>	<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 were collected through a cyclone into plastic bags at 0.5m intervals (holes VAC001 – VAC005) or 1m intervals (VAC006 – VAC039, KAC001 – KAC052, BAC001 – BAC007). All samples were then individually passed dry through a 50:50 riffle splitter for homogenising, then subsampled into ~2kg samples within numbered calico bags.</li> <li>• Selected samples were subsequently sent to ALS Laboratories for further preparation, including an industry-standard approach of drying, crushing/splitting and pulverising/splitting.</li> <li>• These techniques are all standard and considered appropriate.</li> <li>• Duplicates were collected, both from the cyclone (“1<sup>st</sup>-split duplicates”), and at the laboratory when splitting after crushing and pulverising.</li> <li>• For this stage of exploration and for the purpose of establishing exploration targets, the sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>
<b>Quality of assay data</b>	<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,</li> </ul>	<ul style="list-style-type: none"> <li>• A total of 1,186 samples, including QC samples (duplicates, blanks and standards), were analysed at ALS Laboratories in Townsville for multi-element analysis via 4-acid digest (laboratory code ME-MS61r). The digestion of REEs is not considered “complete”.</li> </ul>

Criteria	JORC Code explanation	Commentary
<b>and laboratory tests</b>	<p><i>the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i></p> <ul style="list-style-type: none"> <li><i>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</i></li> </ul>	<ul style="list-style-type: none"> <li>A prepared sample (0.25g) was digested with perchloric, nitric, hydrofluoric and hydrochloric acids. The residue was topped up with dilute hydrochloric acid and analysed by inductively coupled plasma-mass spectrometry (ICP-MS).</li> <li>Four-acid digestions are able to dissolve most minerals; however, although the term “near-total” is used, depending on the sample matrix, all elements are not completely extracted.</li> <li>A small subset of 61 samples were also analysed at ALS Laboratories via Li-Borate Fusion followed by acid digest and analysed by ICP-MS (laboratory code ME-MS81), which is considered to result in a more complete digestion.</li> <li>Selection of 2kg split sample intervals for submission to ALS laboratories for geochemical analysis was conducted over intervals assessed as potentially mineralised using pXRF pre-screening.</li> <li>CRMs were inserted into laboratory sample submissions every 20<sup>th</sup> sample and monitored for consistency. No special-cause variation was identified.</li> </ul>
<b>Verification of sampling and assaying</b>	<ul style="list-style-type: none"> <li><i>The verification of significant intersections by either independent or alternative company personnel.</i></li> <li><i>The use of twinned holes.</i></li> <li><i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></li> <li><i>Discuss any adjustment to assay data.</i></li> </ul>	<ul style="list-style-type: none"> <li>Significant intersections have not yet been verified by either independent or alternative company personnel. However, given the nature of the intersections, the style of mineralisation, the pXRF pre-screening process to select samples, and the double-check through Li-Borate Fusion, it is unlikely that major intersections will change much.</li> <li>Twin holes are not yet completed at this stage of the project.</li> <li>Data were logged into customised and script-controlled excel spreadsheets and stored in an MS Access database.</li> <li>Rare earth and Vanadium element analyses were originally reported in elemental form but have been converted to relevant oxide concentrations as per industry standard.</li> </ul>
<b>Location of data points</b>	<ul style="list-style-type: none"> <li><i>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.</i></li> <li><i>Specification of the grid system used.</i></li> <li><i>Quality and adequacy of topographic control.</i></li> </ul>	<ul style="list-style-type: none"> <li>The location of drill hole collar was determined using a hand-held GPS which has an accuracy of +/- 5m using UTM MGA94 Zone 53.</li> <li>The accuracy and precision of data locations are appropriate for this level of exploration.</li> </ul>



Criteria	JORC Code explanation	Commentary
<b>Data spacing and distribution</b>	<ul style="list-style-type: none"> <li>• <i>Data spacing for reporting of Exploration Results.</i></li> <li>• <i>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.</i></li> <li>• <i>Whether sample compositing has been applied.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Spacing was defined by pre-cleared drill lines between 150 and 300m apart. Holes were spaced between 150m and 300m along each cleared line, guided by pXRF screening of drill cuttings.</li> <li>• Data spacing and distribution are sufficient to establish the degree of geological and grade continuity for the Exploration Target estimation procedure.</li> <li>• No sample compositing has been applied.</li> </ul>
<b>Orientation of data in relation to geological structure</b>	<ul style="list-style-type: none"> <li>• <i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></li> <li>• <i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>• The drilling has intersected the geology at right angles and reported intersections are true width.</li> <li>• No bias has been introduced through the drilling orientation.</li> </ul>
<b>Sample security</b>	<ul style="list-style-type: none"> <li>• <i>The measures taken to ensure sample security.</i></li> </ul>	<ul style="list-style-type: none"> <li>• All samples have at all times been in the custody of Transition Minerals or its consultants, and hand-over procedures were in place for shipment to the laboratory.</li> </ul>
<b>Audits or reviews</b>	<ul style="list-style-type: none"> <li>• <i>The results of any audits or reviews of sampling techniques and data.</i></li> </ul>	<ul style="list-style-type: none"> <li>• No audits or reviews of sampling techniques and data have yet been undertaken.</li> </ul>

## Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
<b>Mineral tenement and land tenure status</b>	<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>The mineral tenement type is an Exploration Licence (EL32473/4) granted pursuant to the NT Mineral Titles Act. They were granted 21/5/2021 and their expiry date is 20/5/2027.</li> <li>They are located in the northern Barkly region of NT on pastoral land.</li> <li>Transition Minerals holds these tenements 100% through direct grant of tenure. There are no overriding royalty arrangements or any other overriding obligation on Transition Minerals.</li> <li>Transition holds no joint ventures or partnerships with respect to these tenements.</li> <li>Transition Minerals applied for and achieved approval in 2021 for its Mine Management Plan (1101-01) for drilling in this area. The approved MMP disclosed and demonstrated all known historical sites, wilderness sites, national parks and significant environmental sensitivities known for the area.</li> <li>The approved MMP demonstrates the ability to operate in the area. The tenements are in good standing with no known impediments.</li> </ul>
<b>Exploration done by other parties</b>	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<p>Earlier explorers in the area included Carpentaria and Rio Tinto, and then later CRA, Bondi Mining, North Australian Diamonds, Redbank Copper, and a few other companies, mainly exploring for base metals, U, and diamonds in the licence area. Several generations of work, starting in the 1960s, can be grouped according to commodity.</p> <ol style="list-style-type: none"> <li>1956–1960: predominantly U exploration.</li> <li>1965–1971: Mainly U with another focus on Cu.</li> <li>1978 to present: U, Au, diamonds and base metals.</li> </ol>

Criteria	JORC Code explanation	Commentary
		<p>A list of modern (post-2000) exploration activities, obtained from STRIKE (NT Government Tenure and Geoscience information), are summarised below:</p> <ul style="list-style-type: none"> <li>• De Beers; Diamonds; EL23041; 2004; Twelve samples collected at Lancewood in Walhallow.</li> <li>• N T J Paspaley; Diamonds; Base Metals; EL24348; 2006; One soil sample from Calvert Hills.</li> <li>• Bondi Mining; U; Base Metals; EL25710; 2008; Twelve RAB holes and two diamond holes drilled.</li> <li>• Hartz Range Mines Pty Ltd.; U; Diamonds, Base Metals, EL25579; 2008; Seven stream samples from Wollogorang in Calvert Hills.</li> <li>• North Australian Diamonds Ltd. Diamonds; EL24737; 2008; One rock-chip sample from Surprise Creek in Calvert Hills area.</li> <li>• Bondi Mining; U, Base Metals; EL24841; 2008–2009; Seventy-seven soil samples, three stream samples, 115 drillholes (including four diamond) in Walhallow.</li> <li>• Bondi Mining; U, Base Metals; EL24694; 2008–2009; Seventeen RAB, two diamond, one RC pre-collar holes.</li> <li>• Jacaranda Minerals Pty Ltd. &amp; Minerals Australia Pty Ltd; Base Metals; EL25917; 2008–2009; Twenty-six whole-rock samples, 62 soil samples from Kilgour and Bloodwood Creek in Walhallow.</li> <li>• North Australian Diamonds Ltd.; Diamonds; EL24737; 2008; One rock-chip sample from Surprise Creek in Calvert Hills area.</li> <li>• Southern Uranium Ltd./Uranium West/Investigator Resources JV; U, Au, V, Base Metals; EL24837; 2009–2011; Sixty-seven rock-chip samples, 31 soil samples, four diamond holes from Coanjula (near Kiana) and Surprise Creek (near Vanadis) in Calvert Hills drilled.</li> <li>• Hartz Range Mines Pty Ltd.; U, Diamonds, Base Metals; EL24358; 2010; Seven soil samples from Wollogorang in Calvert Hills.</li> <li>• Jacaranda Minerals Pty Ltd; Base Metals; EL26948; 2010; Sixteen soil samples from Kilgour in Walhallow.</li> </ul>

Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> <li>• Southern Uranium Ltd./Uranium West/Investigator Resources JV; U, Au, V, Base Metals; EL24838; 2010; Two rock-chip samples taken from Surprise Creek (Vanadis).</li> <li>• North Australian Diamonds Ltd.; Diamonds; EL26181; 2010–2012; 382 soil samples from Surprise Creek and Puzzle in Calvert Hills.</li> <li>• Redbank Copper Ltd; Base Metals, Diamonds; EL26999; 2011; 431 soil samples from Benmara. V2O5 anomalies were picked up in the area.</li> <li>• Redbank Copper Ltd; Base Metals, Diamonds; EL27737; 2011; Eighteen stream samples from Calvert Hills, seven stream samples from Wollgorang.</li> <li>• Lagoon Creek Resources Pty Ltd.; U, Au; EL24654; 2012; Four RC holes drilled, combined depth 684.3 m.</li> </ul>
<b>Geology</b>	<ul style="list-style-type: none"> <li>• <i>Deposit type, geological setting and style of mineralisation.</i></li> </ul>	<ul style="list-style-type: none"> <li>• The deposit is within the Greater McArthur Basin, Northern Territory.</li> <li>• The V and REE mineralisation is not well understood, and further technical work is required to create a sound geological/deposit model; however, current understanding is that the mineralisation is related to lateritic weathering processes on Cretaceous sedimentary rocks (Mullaman Beds).</li> </ul>
<b>Drill hole Information</b>	<ul style="list-style-type: none"> <li>• <i>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:</i> <ul style="list-style-type: none"> <li>○ <i>easting and northing of the drill hole collar</i></li> <li>○ <i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i></li> <li>○ <i>dip and azimuth of the hole</i></li> <li>○ <i>down hole length and interception depth</i></li> <li>○ <i>hole length.</i></li> </ul> </li> <li>• <i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Exploration results have been released in previous announcements by the Company. These are available online at <a href="http://www.transitionminerals.com/announcements">www.transitionminerals.com/announcements</a></li> </ul>

Criteria	JORC Code explanation	Commentary
<b>Data aggregation methods</b>	<ul style="list-style-type: none"> <li><i>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.</i></li> <li><i>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.</i></li> <li><i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></li> </ul>	<ul style="list-style-type: none"> <li>No new Exploration Results are reported here; however, in previous reporting, V and REE analysis intervals were aggregated using downhole sample length-weighted averages with a lower cut-off of 200 ppm V and 325 ppm TREO-CeO<sub>2</sub>, with no upper limits applied.</li> </ul>
<b>Relationship between mineralisation widths and intercept lengths</b>	<ul style="list-style-type: none"> <li><i>These relationships are particularly important in the reporting of Exploration Results.</i></li> <li><i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></li> <li><i>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</i></li> </ul>	<ul style="list-style-type: none"> <li>All holes intersect the mineralisation at 90 degrees and represent true widths.</li> <li>All intercepts reported are down-hole lengths.</li> </ul>
<b>Diagrams</b>	<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>Appropriate maps and sections and tabulations of intercepts have been included in previous announcements to shareholders.</li> </ul>
<b>Balanced reporting</b>	<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>All relevant data have been reported.</li> <li>The information reported here is transparent, balanced and includes all relevant information.</li> </ul>
<b>Other substantive exploration data</b>	<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>The project area has been subject to broad-scale exploration for uranium, base metals, diamonds and vanadium.</li> <li>All relevant exploration data have been included in this report.</li> </ul>



Criteria	JORC Code explanation	Commentary
<b>Further work</b>	<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>• Further exploration drilling is required, including step-out drilling and in-fill drilling.</li> <li>• Samples from the Vanadis prospect area are undergoing mineralogical analysis to facilitate metallurgical test work to determine whether the REEs may be economically extracted.</li> </ul>

### Section 3 Estimation and Reporting of Exploration Target

(The below components of Table 1 have been regarded with respect to the reporting of an Exploration Target; no Mineral Resources are reported)

Criteria	JORC Code explanation	Commentary
<b>Database integrity</b>	<ul style="list-style-type: none"> <li>• <i>Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.</i></li> <li>• <i>Data validation procedures used.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Digital data were validated against hard-copy data and photos. Transcription errors were limited due to validation-controlled spreadsheet entries.</li> </ul>
<b>Site visits</b>	<ul style="list-style-type: none"> <li>• <i>Comment on any site visits undertaken by the Competent Person and the outcome of those visits.</i></li> <li>• <i>If no site visits have been undertaken indicate why this is the case.</i></li> </ul>	<ul style="list-style-type: none"> <li>• The Competent Person has not undertaken any site visit, and has relied on the site visit carried out by his senior colleagues.</li> </ul>
<b>Geological interpretation</b>	<ul style="list-style-type: none"> <li>• <i>Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.</i></li> <li>• <i>Nature of the data used and of any assumptions made.</i></li> <li>• <i>The effect, if any, of alternative interpretations on Mineral Resource estimation.</i></li> <li>• <i>The use of geology in guiding and controlling Mineral Resource estimation.</i></li> <li>• <i>The factors affecting continuity both of grade and geology.</i></li> </ul>	<ul style="list-style-type: none"> <li>• There is a high degree of confidence in the geological continuity; however, the controls on mineralisation are still poorly understood and require further work.</li> <li>• Assumptions on geological continuity are based on the clear control of the weathering profile and are considered to pose a low risk to the estimate.</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>• <i>The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.</i></li> </ul>	<ul style="list-style-type: none"> <li>• The V-REE Exploration Target covers an area of 12 x 4 km, and within that area is considered to be at similar shallow depths to surface.</li> </ul>

Criteria	JORC Code explanation	Commentary
<b>Estimation and modelling techniques</b>	<ul style="list-style-type: none"> <li>• <i>The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.</i></li> <li>• <i>The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.</i></li> <li>• <i>The assumptions made regarding recovery of by-products.</i></li> <li>• <i>Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation).</i></li> <li>• <i>In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.</i></li> <li>• <i>Any assumptions behind modelling of selective mining units.</i></li> <li>• <i>Any assumptions about correlation between variables.</i></li> <li>• <i>Description of how the geological interpretation was used to control the resource estimates.</i></li> <li>• <i>Discussion of basis for using or not using grade cutting or capping.</i></li> <li>• <i>The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.</i></li> </ul>	<ul style="list-style-type: none"> <li>• The Exploration Target was estimated by compositing sample grades and using these to interpolate block grades through ordinary kriging. Grades were estimated within domains constrained by grade and geology. No grade capping was required as the grade populations show little skew. This is considered an appropriate process for the purpose of establishing an Exploration Target.</li> <li>• All REE elements and V were estimated separately into blocks.</li> <li>• The estimated Exploration Target is a global estimate, no assumptions of mining of selective units were made.</li> <li>• No deleterious elements were estimated; at this point these are considered to be very low grade and not significant to the project risk.</li> <li>• The model was validated using standard tools and processes.</li> </ul>
<b>Moisture</b>	<ul style="list-style-type: none"> <li>• <i>Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Moisture content is unknown at this stage and dry tonnages were estimated using an assumed bulk dry density of 1.8.</li> </ul>
<b>Cut-off parameters</b>	<ul style="list-style-type: none"> <li>• <i>The basis of the adopted cut-off grade(s) or quality parameters applied.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Cut-off grades used to report the Exploration Target are assumed and based on peer projects that are further advanced.</li> </ul>
<b>Mining factors or assumptions</b>	<ul style="list-style-type: none"> <li>• <i>Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the</i></li> </ul>	<ul style="list-style-type: none"> <li>• No work has been done to establish potential mining factors; however, the deposit is shallow and would likely require standard equipment and processes</li> </ul>

Criteria	JORC Code explanation	Commentary
	<p><i>process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.</i></p>	
<b>Metallurgical factors or assumptions</b>	<ul style="list-style-type: none"> <li><i>The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.</i></li> </ul>	<ul style="list-style-type: none"> <li>No metallurgical test work has yet been undertaken on down hole samples, and at this stage, recoverability is assumed based on comparison with similar clay-hosted REE deposits.</li> </ul>
<b>Environmental factors or assumptions</b>	<ul style="list-style-type: none"> <li><i>Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.</i></li> </ul>	<ul style="list-style-type: none"> <li>At this stage of the project, it is assumed that no extraordinary environmental variables, conditions or restrictions would impact the project.</li> </ul>
<b>Bulk density</b>	<ul style="list-style-type: none"> <li><i>Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples.</i></li> <li><i>The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit.</i></li> <li><i>Discuss assumptions for bulk density estimates used in the</i></li> </ul>	<ul style="list-style-type: none"> <li>Moisture content is unknown at this stage and dry tonnages were estimated using an assumed bulk dry density of 1.8.</li> </ul>

Criteria	JORC Code explanation	Commentary
<b>Classification</b>	<p><i>evaluation process of the different materials.</i></p> <ul style="list-style-type: none"> <li><i>The basis for the classification of the Mineral Resources into varying confidence categories.</i></li> <li><i>Whether appropriate account has been taken of all relevant factors (ie relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).</i></li> <li><i>Whether the result appropriately reflects the Competent Person's view of the deposit.</i></li> </ul>	<ul style="list-style-type: none"> <li>The potential quantity and grade of the Exploration Target is conceptual in nature and there has been insufficient exploration to estimate a Mineral Resource. It is uncertain if further exploration will result in the estimation of a Mineral Resource.</li> </ul>
<b>Audits or reviews</b>	<ul style="list-style-type: none"> <li><i>The results of any audits or reviews of Mineral Resource estimates.</i></li> </ul>	<ul style="list-style-type: none"> <li>No external audits or reviews of exploration have yet taken place.</li> </ul>
<b>Discussion of relative accuracy/confidence</b>	<ul style="list-style-type: none"> <li><i>Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.</i></li> <li><i>The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.</i></li> <li><i>These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.</i></li> </ul>	<ul style="list-style-type: none"> <li>The Exploration Target appropriately reflects the low confidence in the estimate of tonnes and grades.</li> </ul>

## Appendix 1 Drilling Assay Data



HOLE_ID	X	Y	DEPTH_FROM	DEPTH_TO	INTERVAL_LENGTH	SAMPLEID	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	V_ppm	Y_ppm	Yb_ppm
BAC001	719484	8066067	0	1	1	TM00952	61.8	2.23	1.34	0.69	2.51	0.46	24.2	0.24	20.5	5.53	3.38	0.39	0.21	552	9	1.49
BAC001	719484	8066067	1	2	1	TM00953	113.5	2.27	1.26	0.74	2.88	0.43	16.6	0.23	15.4	4.15	3.07	0.45	0.21	1015	8.2	1.45
BAC001	719484	8066067	2	3	1	TM00954	30.5	1.14	0.79	0.28	0.96	0.24	13.4	0.16	9.9	2.98	1.44	0.16	0.13	1190	3.6	1.01
BAC001	719484	8066067	3	4	1	TM00955	48	1.14	0.85	0.33	1.07	0.25	26.9	0.17	12.7	4.4	1.59	0.18	0.15	544	4.1	1.02
BAC001	719484	8066067	4	5	1	TM00956	64.9	1.4	1.01	0.39	1.33	0.31	37.8	0.2	16.7	5.84	2.08	0.22	0.17	567	6.8	1.25
BAC001	719484	8066067	5	6	1	TM00957	60.4	1.45	1.01	0.41	1.36	0.3	30.4	0.2	19.9	6.45	2.26	0.23	0.17	475	5.9	1.24
BAC001	719484	8066067	6	7	1	TM00958	39.2	1.48	1.03	0.39	1.36	0.32	20.5	0.2	14.4	4.42	1.96	0.23	0.18	300	7	1.24
BAC001	719484	8066067	7	8	1	TM00959	45.8	1.44	1.02	0.39	1.37	0.32	22.5	0.21	16.1	4.99	2.11	0.22	0.17	171	7	1.31
BAC001	719484	8066067	8	9	1	TM00962	64.2	1.58	1.15	0.51	1.64	0.35	31.9	0.23	20.8	6.69	2.54	0.26	0.19	130	7.7	1.46
BAC001	719484	8066067	9	10	1	TM00963	85	1.72	1.21	0.6	1.93	0.39	41.7	0.25	27.2	8.66	3.21	0.28	0.21	187	8.5	1.52
BAC001	719484	8066067	10	11	1	TM00964	81.6	2.08	1.42	0.77	2.52	0.44	40	0.28	32.2	9.09	3.96	0.35	0.24	110	10.1	1.66
BAC001	719484	8066067	11	12	1	TM00965	157.5	3.68	1.74	2.72	8.62	0.61	69.4	0.29	98.6	21.9	13.35	0.83	0.26	180	13.5	1.84
BAC001	719484	8066067	12	13	1	TM00966	73	1.8	1.08	0.92	2.87	0.36	37.9	0.21	32.7	8.38	4.55	0.33	0.18	198	8.1	1.24
BAC001	719484	8066067	13	14	1	TM00967	112.5	1.67	1.17	0.6	1.88	0.36	60.4	0.24	31.2	10.6	3.14	0.28	0.19	100	8.3	1.43
BAC001	719484	8066067	14	15	1	TM00968	93.6	1.72	1.11	0.65	2.07	0.36	55.9	0.2	28.3	8.91	3.22	0.29	0.19	165	9.1	1.31
BAC001	719484	8066067	15	16	1	TM00969	66.5	1.66	1.05	0.57	2.03	0.34	37.9	0.2	21.9	6.6	2.67	0.28	0.18	120	8.8	1.24
BAC001	719484	8066067	16	17	1	TM00970	108	2.21	1.19	1.03	4.07	0.41	53.8	0.2	42.1	11.6	4.83	0.43	0.18	124	9.3	1.26
BAC001	719484	8066067	17	18	1	TM00971	36	1.35	0.88	0.38	1.58	0.29	18.8	0.17	11.7	3.56	1.69	0.22	0.14	69	5.7	1.03
BAC001	719484	8066067	18	19	1	TM00972	27.7	1.34	0.93	0.34	1.35	0.28	14.9	0.17	9.9	2.92	1.59	0.21	0.15	116	6.5	1.15
BAC001	719484	8066067	19	20	1	TM00973	59.5	1.84	1.11	0.62	2.31	0.38	33.6	0.2	19.8	5.97	2.77	0.32	0.18	132	9	1.22
BAC001	719484	8066067	20	21	1	TM00974	28.6	1.39	1.07	0.36	1.31	0.32	16	0.2	10.5	3.03	1.66	0.22	0.17	104	7.8	1.28
BAC001	719484	8066067	21	22	1	TM00975	51.8	1.93	1.16	0.6	2.39	0.39	31.1	0.2	17.2	5.21	2.56	0.32	0.19	125	9.5	1.26
BAC001	719484	8066067	22	23	1	TM00976	37.9	1.58	1.08	0.43	1.67	0.34	23.4	0.2	13	3.89	1.99	0.24	0.19	198	9	1.29
BAC001	719484	8066067	23	24	1	TM00977	20.9	1.37	0.97	0.3	1.16	0.31	12	0.19	7.7	2.26	1.4	0.21	0.17	318	7.5	1.22
BAC001	719484	8066067	24	25	1	TM00978	139	2.56	1.13	1.1	3.71	0.45	59.1	0.16	43.1	14.2	5.36	0.49	0.16	212	7.9	1.04
BAC001	719484	8066067	25	26	1	TM00979	24.6	1.36	1.02	0.32	1.14	0.3	12.5	0.18	8.7	2.6	1.35	0.2	0.17	82	6.6	1.22
BAC001	719484	8066067	26	27	1	TM00982	32.3	1.51	0.98	0.41	1.51	0.32	15.3	0.19	12	3.54	1.89	0.23	0.16	108	6.2	1.14
BAC001	719484	8066067	27	28	1	TM00983	304	4	1.66	2.5	8.19	0.67	121	0.24	105.5	33.3	12.85	0.91	0.24	85	13.4	1.53
BAC001	719484	8066067	28	29	1	TM00984	340	3.85	1.55	4.17	10.05	0.6	105.5	0.24	162	43.4	23.3	1	0.23	97	11.4	1.51
BAC001	719484	8066067	29	30	1	TM00985	411	7.27	1.79	10.4	24.9	0.9	104.5	0.2	274	63.9	54.5	2.24	0.23	88	14.5	1.27
BAC001	719484	8066067	30	31	1	TM00986	79.3	2.06	0.55	1.93	4.87	0.26	23.8	0.06	57.2	13.2	10.15	0.52	0.07	22	4.5	0.42
BAC001	719484	8066067	31	32	1	TM00987	45.4	1.83	0.57	1.73	4.76	0.25	17.4	0.08	38	7.32	7.94	0.48	0.08	16	4.9	0.51
BAC001	719484	8066067	32	33	1	TM00988	30.5	1.51	0.46	1.49	4.4	0.2	11.6	0.06	25.3	4.67	6.45	0.42	0.06	10	4	0.38
BAC002	720194	8066816	0	1	1	TM00989	69	1.57	0.92	0.61	1.97	0.31	12.6	0.16	14.7	3.52	2.81	0.29	0.15	553	5	1.05
BAC002	720194	8066816	1	2	1	TM00990	34.6	1.57	0.92	0.7	2.14	0.31	12.8	0.16	16.8	3.88	3.35	0.28	0.15	591	6.1	1.01
BAC002	720194	8066816	2	3	1	TM00991	39.3	1.4	1	0.45	1.42	0.31	20.4	0.18	13.3	3.79	2.19	0.23	0.16	497	6.9	1.18
BAC002	720194	8066816	3	4	1	TM00992	61.8	1.46	1.02	0.49	1.58	0.31	34.1	0.19	17.5	5.68	2.43	0.24	0.17	566	6.8	1.22
BAC002	720194	8066816	4	5	1	TM00993	44.9	1.24	0.91	0.37	1.23	0.28	27.4	0.18	13.9	4.42	1.94	0.2	0.16	558	6.2	1.1
BAC002	720194	8066816	5	6	1	TM00994	41.1	0.99	0.74	0.29	0.89	0.22	21.5	0.15	12.7	4.09	1.59	0.16	0.12	251	4.3	0.88
BAC002	720194	8066816	6	7	1	TM00995	96.8	1.34	0.76	0.65	1.7	0.26	42.6	0.15	30.6	10.05	3.66	0.24	0.13	266	5.2	0.92
BAC002	720194	8066816	7	8	1	TM00996	36.8	1.2	0.91	0.33	1.02	0.27	21.1	0.17	11.9	3.77	1.62	0.17	0.15	114	6.5	1.05
BAC002	720194	8066816	8	9	1	TM00997	48.7	1.18	0.88	0.34	1.12	0.27	26.2	0.17	14.7	4.8	1.8	0.18	0.14	189	6.1	1.04
BAC002	720194	8066816	9	10	1	TM00998	165	1.81	1.09	0.98	2.63	0.36	69.6	0.18	55.7	18.3	5.6	0.36	0.16	54	7.4	1.21
BAC002	720194	8066816	10	11	1	TM00999	68.9	1.52	1.06	0.59	1.92	0.33	32.1	0.2	27.9	7.91	3.39	0.26	0.18	184	7.7	1.3
BAC002	720194	8066816	11	12	1	TM01003	127	2.29	1.13	1.56	4.46	0.4	50.1	0.2	71.3	16.5	8.54	0.47	0.17	205	8.1	1.16
BAC002	720194	8066816	12	13	1	TM01004	132.5	2.77	1.22	1.79	5.5	0.47	58.3	0.2	72.3	16.7	9.01	0.58	0.18	149	10	1.23
BAC002	720194	8066816	13	14	1	TM01005	78.9	1.42	0.86	0.66	1.98	0.28	40.9	0.15	29.4	8.41	3.48	0.26	0.13	230	6.5	0.92
BAC002	720194	8066816	14	15	1	TM01006	155.5	1.89	1.05	1.22	3.08	0.35	75.6	0.19	61	16.3	6.65	0.37	0.16	84	7.8	1.12
BAC002	720194	8066816	15	16	1	TM01007	135.5	2.12	1.16	1.21	3.12	0.39	64.4	0.21	59.4	15.5	6.84	0.38	0.18	32	8.1	1.22
BAC002	720194	8066816	16	17	1	TM01008	81.8	2.12	1.18	1	3.26	0.41	38.8	0.21	36.3	9.45	4.83	0.39	0.19	151	9.2	1.29
BAC002	720194	8066816	17	18	1	TM01009	39.5	1.29	0.96	0.37	1.29	0.29	20.8	0.19	13.9	3.92	1.88	0.2	0.16	190	6.6	1.09
BAC002	720194	8066816	18	19	1	TM01010	37.9	1	0.62	0.34	1.11	0.2	20.8	0.12	12.8	3.67	1.7	0.16	0.1	543	4.9	0.71
BAC002	720194	8066816	19	20	1	TM01011	89.7	1.57	1.06	0.65	2.06	0.33	43.2	0.19	31	9.33	3.51	0.27	0.17	303	8	1.14
BAC002	720194	8066816	20	21	1	TM01012	45.3	1.64	1.09	0.51	1.82	0.36	22	0.21	19.1	4.86	2.52	0.26	0.18	144	7.3	1.25
BAC002	720194	8066816	21	22	1	TM01013	62.3	1.86	1.03	0.71	2.7	0.36	30	0.19	26.6	7.22	3.41	0.33	0.17	169	7.2	1.13
BAC002	720194	8066816	22	23	1	TM01014	89.1	2.56	1.47	0.98	3.66	0.49	46.6	0.26	35.9	9.69	4.61	0.44	0.23	97	11.6	1.55
BAC002	720194	8066816	23	24	1	TM01015	58.1	1.83	1.17	0.57	2.12	0.39	31.6	0.22	20.1	5.64	2.75	0.3	0.19	153	9.3	1.35
BAC002	720194	8066816	24	25	1	TM01016	71.8	2.19	1.26	0.87	3.43	0.44	34.8	0.22	28.4	7.45	3.95	0.39	0.2	195	10.8	1.38
BAC002	720194	8066816	25	26	1	TM01017	32.4	1.64	1.17	0.4	1.56											

HOLE_ID	X	Y	DEPTH_FROM	DEPTH_TO	INTERVAL_LENGTH	SAMPLEID	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	V_ppm	Y_ppm	Yb_ppm
BAC002	720194	8066816	30	31	1	TM01024	295	6.57	1.88	8.21	20.7	0.87	90.9	0.26	189	38.6	44.5	1.76	0.26	101	14.2	1.67
BAC002	720194	8066816	31	32	1	TM01025	212	3.96	1.11	4.9	12.15	0.52	63.8	0.15	135	28.7	26.6	1.1	0.15	40	9	0.9
BAC002	720194	8066816	32	33	1	TM01026	44.6	1.09	0.39	0.91	2.48	0.17	15.7	0.06	28.6	6.29	4.96	0.26	0.06	20	3.2	0.35
BAC003	720899	8067564	0	1	1	TM01027	125	2.68	1.49	1.04	3.37	0.52	24.9	0.24	29.7	7.18	5.26	0.49	0.23	533	10.5	1.57
BAC003	720899	8067564	1	2	1	TM01028	43.9	1.27	0.82	0.43	1.35	0.27	11	0.15	12.8	3.13	2.22	0.22	0.14	622	5	0.97
BAC003	720899	8067564	2	3	1	TM01029	21.1	1.05	0.77	0.21	0.82	0.25	10.1	0.15	6.8	1.94	1.1	0.15	0.13	507	4.7	0.96
BAC003	720899	8067564	3	4	1	TM01030	37.2	1.22	0.92	0.27	0.99	0.28	21.1	0.18	10	3.14	1.34	0.18	0.16	705	5.5	1.1
BAC003	720899	8067564	4	5	1	TM01031	51.8	1.48	1.05	0.36	1.29	0.34	30.7	0.21	14.3	4.5	1.85	0.22	0.19	527	7.2	1.29
BAC003	720899	8067564	5	6	1	TM01032	120.5	1.46	1.02	0.47	1.54	0.34	67.7	0.2	25.5	9.61	2.62	0.25	0.16	393	7.4	1.17
BAC003	720899	8067564	6	7	1	TM01033	109	1.46	1.03	0.45	1.44	0.33	59.6	0.2	23.3	9.17	2.48	0.24	0.17	270	8.1	1.22
BAC003	720899	8067564	7	8	1	TM01034	110	1.33	0.91	0.44	1.43	0.29	54.1	0.17	24.5	9.23	2.42	0.22	0.15	224	6.8	1.1
BAC003	720899	8067564	8	9	1	TM01035	109.5	1.33	0.92	0.48	1.4	0.29	52.1	0.18	27.1	10.35	2.76	0.22	0.14	213	6.7	1.08
BAC003	720899	8067564	9	10	1	TM01036	87.3	1.19	0.89	0.39	1.12	0.27	38.9	0.17	24.7	8.85	2.3	0.2	0.15	80	5.7	1.05
BAC003	720899	8067564	10	11	1	TM01037	63.5	1.09	0.83	0.33	1.02	0.26	30.5	0.17	16.8	6.01	1.82	0.16	0.14	102	4.9	1.03
BAC003	720899	8067564	11	12	1	TM01038	79.7	1.36	1.03	0.46	1.4	0.31	35.5	0.2	23.6	7.91	2.52	0.22	0.17	67	6.7	1.21
BAC003	720899	8067564	12	13	1	TM01039	134.5	1.88	1.14	0.9	2.82	0.37	55.9	0.21	45.9	14.4	5	0.36	0.18	103	8.2	1.25
BAC003	720899	8067564	13	14	1	TM01042	90.3	1.44	0.91	0.66	1.95	0.3	36.2	0.17	33.5	9.99	3.85	0.27	0.14	80	6	1.05
BAC003	720899	8067564	14	15	1	TM01043	33.3	1.24	0.96	0.34	1.13	0.29	17	0.19	12.8	3.73	1.64	0.18	0.16	106	6.3	1.2
BAC003	720899	8067564	15	16	1	TM01044	79.4	1.42	0.96	0.53	1.79	0.3	42.7	0.19	27.1	8.23	3.09	0.24	0.15	308	7.4	1.14
BAC003	720899	8067564	16	17	1	TM01045	41.2	1.08	0.79	0.33	1.09	0.25	21.8	0.15	14.6	4.32	1.8	0.18	0.14	314	5.8	0.98
BAC003	720899	8067564	17	18	1	TM01046	113.5	1.99	1.06	1.08	3.17	0.37	48.7	0.17	51.9	13.9	6.21	0.38	0.17	87	6.9	1.1
BAC003	720899	8067564	18	19	1	TM01047	143.5	2.34	1.33	1.4	3.8	0.45	58	0.23	67	17.5	8.15	0.46	0.2	65	10	1.43
BAC003	720899	8067564	19	20	1	TM01048	47.1	1.26	0.95	0.39	1.19	0.28	19.9	0.18	17.2	5.28	2.11	0.19	0.16	122	6.3	1.13
BAC003	720899	8067564	20	21	1	TM01049	42.7	1.48	0.96	0.47	1.99	0.31	22.3	0.18	16.4	4.53	2.26	0.26	0.15	206	7	1.09
BAC003	720899	8067564	21	22	1	TM01050	72.2	2.08	1.09	0.71	2.78	0.4	37.6	0.18	25.4	7.35	3.26	0.36	0.17	190	8.7	1.17
BAC003	720899	8067564	22	23	1	TM01051	55.5	2.24	1.27	0.77	3.23	0.45	28.1	0.21	23.2	6.01	3.39	0.4	0.18	113	9.1	1.26
BAC003	720899	8067564	23	24	1	TM01052	31.5	1.52	1.03	0.42	1.63	0.34	16.1	0.18	12.6	3.45	1.97	0.24	0.17	128	6.6	1.19
BAC003	720899	8067564	24	25	1	TM01053	44.5	1.79	1.24	0.51	1.91	0.39	25.7	0.22	16	4.62	2.42	0.29	0.2	115	8.9	1.46
BAC003	720899	8067564	25	26	1	TM01054	63.4	2.12	1.23	0.7	2.64	0.42	32.2	0.22	22.9	6.64	3.24	0.36	0.19	107	8.6	1.29
BAC003	720899	8067564	26	27	1	TM01055	55.2	1.83	1.12	0.78	2.55	0.37	27.3	0.19	23.8	6.24	3.87	0.33	0.17	114	7.2	1.23
BAC003	720899	8067564	27	28	1	TM01056	42.1	1.42	0.94	0.47	1.73	0.3	22.5	0.17	15.6	4.42	2.33	0.23	0.15	170	5.9	1.06
BAC003	720899	8067564	28	29	1	TM01057	17.7	1.08	0.84	0.23	0.89	0.26	9.6	0.17	6.6	1.9	1.07	0.15	0.13	95	5	1.04
BAC003	720899	8067564	29	30	1	TM01058	20.7	1.16	0.93	0.25	0.94	0.28	11	0.19	7.3	2.2	1.18	0.17	0.16	98	5.3	1.17
BAC003	720899	8067564	30	31	1	TM01059	85.7	2.1	1.17	1.04	3.33	0.39	35.4	0.21	38.4	10.25	5.5	0.39	0.18	105	7.9	1.32
BAC003	720899	8067564	31	32	1	TM01062	500	9.32	2.37	13.95	32.7	1.14	122	0.28	407	87.1	76.5	2.88	0.29	54	15.6	1.76
BAC003	720899	8067564	32	33	1	TM01063	351	7.7	1.95	13.25	30.8	0.93	89.7	0.23	317	61.9	68.4	2.52	0.23	51	14.4	1.37
BAC003	720899	8067564	33	34	1	TM01064	38.6	1.13	0.37	1.1	3.05	0.16	13.9	0.05	29.3	6.02	5.8	0.3	0.05	16	3.1	0.35
BAC003	720899	8067564	34	35	1	TM01065	27.5	0.84	0.27	0.78	2.14	0.13	9.9	0.04	19.9	4.08	4.07	0.22	0.04	10	2.2	0.24
BAC004	721672	8068316	0	1	1	TM01066	54.6	2.11	1.17	0.95	3.12	0.41	16.9	0.19	23.3	5.26	4.66	0.4	0.18	504	8.7	1.23
BAC004	721672	8068316	1	2	1	TM01067	31.2	1.3	0.76	0.68	1.94	0.26	13.9	0.14	17.7	4.01	3.63	0.26	0.13	580	5.3	0.88
BAC004	721672	8068316	2	3	1	TM01068	24	1	0.71	0.38	1.11	0.22	12	0.14	10.7	2.71	2.04	0.16	0.13	616	4.4	0.88
BAC004	721672	8068316	3	4	1	TM01069	40.6	1.32	0.84	0.52	1.61	0.29	22.7	0.17	15.9	4.33	2.72	0.22	0.15	556	5.7	1.08
BAC004	721672	8068316	4	5	1	TM01070	32.9	0.91	0.59	0.38	1.11	0.2	17	0.12	12.9	3.54	2.05	0.16	0.11	473	3.8	0.76
BAC004	721672	8068316	5	6	1	TM01071	42.2	1.4	1.01	0.55	1.66	0.32	25.2	0.19	16.7	4.64	2.83	0.25	0.17	334	10.5	1.16
BAC004	721672	8068316	6	7	1	TM01072	50.4	1.08	0.77	0.37	1.16	0.25	26.7	0.15	15.3	4.89	2.05	0.18	0.13	192	5.2	0.9
BAC004	721672	8068316	7	8	1	TM01073	46.2	0.88	0.58	0.31	0.96	0.19	22.5	0.12	13.4	4.42	1.64	0.14	0.1	200	3.8	0.75
BAC004	721672	8068316	8	9	1	TM01074	66.5	1.2	0.92	0.47	1.39	0.27	33.5	0.17	19.4	6.26	2.49	0.21	0.15	200	6.8	1.04
BAC004	721672	8068316	9	10	1	TM01075	126	1.34	0.85	0.66	1.83	0.28	52.9	0.16	40.1	13.35	4.02	0.26	0.14	253	6.1	1
BAC004	721672	8068316	10	11	1	TM01076	62.5	1.13	0.85	0.35	1.12	0.27	33.3	0.18	18	6.2	2.07	0.18	0.15	179	6.7	1.08
BAC004	721672	8068316	11	12	1	TM01077	95.5	1.49	0.9	0.66	2.35	0.3	45.1	0.18	32.7	9.81	3.66	0.27	0.15	224	7.2	1.01
BAC004	721672	8068316	12	13	1	TM01078	63	1.05	0.76	0.34	1.11	0.24	29.9	0.15	18.7	6.22	2	0.17	0.13	109	5.4	0.92
BAC004	721672	8068316	13	14	1	TM01079	58.1	0.9	0.7	0.28	0.84	0.21	27.9	0.14	15.5	5.66	1.69	0.15	0.12	24	4.4	0.81
BAC004	721672	8068316	14	15	1	TM01082	36.2	1.07	0.82	0.25	0.84	0.25	20.7	0.17	10.5	3.4	1.4	0.15	0.14	29	5.9	1.02
BAC004	721672	8068316	15	16	1	TM01083	228	3.22	1.79	1.54	4.03	0.65	97.5	0.29	78.3	25.5	9.2	0.61	0.28	136	15.1	1.87
BAC004	721672	8068316	16	17	1	TM01084	33.6	2.25	1.55	0.4	1.87	0.49	21.6	0.28	11.6	3.44	1.86	0.33	0.25	120	13.3	1.69
BAC004	721672	8068316	17	18	1	TM01085	42.5	1.93	1.33	0.43	1.67	0.44	24.7	0.25	14.8	4.44	2.22	0.28	0.22	144	10.9	1.55
BAC004	721672	8068316	18	19	1	TM01086	116	1.97	1.12	1.14	3.06	0.39	50.8	0.21	52.5	14.15	6.67	0.38	0.18	121	8.8	1.33
BAC004	721672	8068316	19	20	1	TM01087	75.1	1.74	0.84	0.91	2.55	0.31	32.3	0.15	40.3	9.69	5.35	0.3	0.14	392	6.6	0.93
BAC004	721672	8068316	20	21	1	TM01088	153.5	2.95	1.38	2.14	5.8											

HOLE_ID	X	Y	DEPTH_FROM	DEPTH_TO	INTERVAL_LENGTH	SAMPLEID	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	V_ppm	Y_ppm	Yb_ppm	
BAC004	721672	8068316	25	26	1	TM01093	11.85	1	0.79	0.18	0.71	0.24	6.6	0.17	4.8	1.32	0.89	0.14	0.13	90	4.9	1.01	
BAC004	721672	8068316	26	27	1	TM01094	32.5	1.6	1.11	0.46	1.77	0.36	16.9	0.2	14.1	3.66	2.27	0.26	0.18	109	7.4	1.22	
BAC004	721672	8068316	27	28	1	TM01095	42.3	1.45	0.87	0.46	1.71	0.29	23.1	0.16	15.1	4.29	2.27	0.23	0.14	100	6.4	0.94	
BAC004	721672	8068316	28	29	1	TM01096	45.9	1.56	1.12	0.37	1.36	0.37	27.5	0.24	12.5	4.19	1.9	0.24	0.19	84	9	1.36	
BAC004	721672	8068316	29	30	1	TM01097	161.5	4.59	1.47	1.76	5.71	0.56	78.8	0.24	69	18.75	9.28	0.63	0.21	93	11.8	1.46	
BAC004	721672	8068316	30	31	1	TM01098	139.5	3.03	1.39	2.48	7.77	0.55	55.8	0.23	84.3	18.7	14.25	0.68	0.21	96	11.3	1.49	
BAC004	721672	8068316	31	32	1	TM01099	245	4.83	1.65	5.7	12.75	0.73	77.9	0.2	173.5	38.1	33.3	1.21	0.22	102	13.4	1.34	
BAC004	721672	8068316	32	33	1	TM01103	79.3	1.73	0.6	1.87	4.19	0.25	26.4	0.08	55.6	11.6	10	0.42	0.08	24	4.8	0.51	
BAC005	724802	8074282	0	1	1	TM01104	46.5	1.52	0.83	0.89	2.23	0.29	19	0.15	26.6	6.15	4.77	0.29	0.13	690	5.1	0.95	
BAC005	724802	8074282	1	2	1	TM01105	65.6	2.39	1.96	0.78	2.27	0.56	32.4	0.39	25	6.95	4.01	0.36	0.34	212	14.1	2.44	
BAC005	724802	8074282	2	3	1	TM01106	53.7	1.7	1.12	0.75	2.09	0.36	24.5	0.21	23.6	6.17	3.95	0.3	0.19	109	7.2	1.34	
BAC005	724802	8074282	3	4	1	TM01107	112.5	2.03	1.18	1.28	3.1	0.39	55.2	0.22	44.6	12.35	6.75	0.39	0.2	62	8.8	1.4	
BAC005	724802	8074282	4	5	1	TM01108	138.5	1.81	1.14	0.96	2.56	0.35	69.3	0.21	42.5	13.7	4.97	0.33	0.19	64	7.2	1.31	
BAC005	724802	8074282	5	6	1	TM01109	131.5	2.03	1.26	1.04	2.79	0.41	61.5	0.23	44.9	13.65	5.6	0.38	0.2	51	7.8	1.47	
BAC005	724802	8074282	6	7	1	TM01110	111.5	1.84	1.26	0.77	2.43	0.39	55.7	0.24	33.1	10.6	3.98	0.34	0.22	46	8.3	1.49	
BAC005	724802	8074282	7	8	1	TM01111	91.5	1.77	1.27	0.58	1.87	0.38	51.9	0.24	25.2	8.11	3.13	0.28	0.21	72	9.1	1.48	
BAC005	724802	8074282	8	9	1	TM01112	84.4	1.88	1.24	0.57	2.06	0.39	49	0.23	24.1	7.62	2.69	0.3	0.2	117	8.8	1.41	
BAC005	724802	8074282	9	10	1	TM01113	82.9	1.83	1.2	0.55	1.97	0.38	44.9	0.22	21.8	7.37	2.54	0.29	0.21	61	7.9	1.47	
BAC005	724802	8074282	10	11	1	TM01114	85	1.87	1.23	0.58	2.02	0.39	49.9	0.23	23	7.79	2.74	0.3	0.2	80	9.2	1.48	
BAC005	724802	8074282	11	12	1	TM01115	39	1.5	1.1	0.35	1.3	0.34	21.4	0.21	11.6	3.77	1.51	0.22	0.19	131	7.3	1.36	
BAC005	724802	8074282	12	13	1	TM01116	24.2	1.51	1.16	0.33	1.16	0.35	12.7	0.22	8.7	2.65	1.41	0.22	0.19	953	7.1	1.37	
BAC005	724802	8074282	13	14	1	TM01117	151	3.17	1.59	1.07	4.67	0.6	90.9	0.24	40.6	13.7	4.72	0.6	0.23	1005	13.1	1.49	
BAC005	724802	8074282	14	15	1	TM01118	62.3	2.22	1.49	0.55	2.11	0.48	34.9	0.27	18.4	6.12	2.42	0.35	0.25	280	10.6	1.73	
BAC005	724802	8074282	15	16	1	TM01119	43	2.13	1.48	0.47	1.84	0.48	26.6	0.27	13.2	4.06	1.98	0.33	0.24	1230	10.3	1.67	
BAC005	724802	8074282	16	17	1	TM01122	116.5	3.16	1.79	0.96	3.93	0.62	56.9	0.28	33.5	10.8	4.09	0.58	0.27	688	12.2	1.8	
BAC005	724802	8074282	17	18	1	TM01123	76.7	2.51	1.53	0.72	2.82	0.5	37.3	0.27	25	7.21	3.15	0.42	0.24	445	9.6	1.71	
BAC005	724802	8074282	18	19	1	TM01124	112	3.13	2	0.95	3.63	0.65	59.7	0.35	34.2	10.2	4.11	0.53	0.32	138	13.1	2.27	
BAC005	724802	8074282	19	20	1	TM01125	500	18.25	4.12	25.7	68.2	2.08	356	0.43	716	181.5	124.5	5.91	0.48	183	33.3	2.78	
BAC005	724802	8074282	20	21	1	TM01126	346	13.45	2.41	16.2	44.1	1.36	78.2	0.22	337	63.9	74.8	4.4	0.27	32	17.4	1.55	
BAC006	724902	8073300	0	1	1	TM01127	142	5.15	2.05	3.86	11.05	0.77	53.8	0.31	88.5	19.6	17.8	1.28	0.31	752	12.6	2.05	
BAC006	724902	8073300	1	2	1	TM01128	93.5	2.45	1.2	1.37	3.92	0.42	39.4	0.2	38.4	10.4	6.62	0.5	0.19	672	6.9	1.35	
BAC006	724902	8073300	2	3	1	TM01129	48.7	1.99	1.26	0.83	2.52	0.41	25.7	0.24	21.4	5.9	3.64	0.37	0.21	490	8.8	1.52	
BAC006	724902	8073300	3	4	1	TM01130	46.6	1.44	0.93	0.61	1.84	0.3	25.5	0.17	17.4	5.02	2.73	0.26	0.15	465	6.6	1.09	
BAC006	724902	8073300	4	5	1	TM01131	66.2	1.34	0.92	0.48	1.57	0.29	34.9	0.18	20.2	6.38	2.65	0.23	0.15	305	6.1	1.13	
BAC006	724902	8073300	5	6	1	TM01132	47.3	1.23	0.89	0.35	1.16	0.27	24.8	0.17	14.6	4.47	1.89	0.18	0.15	235	6.1	1.07	
BAC006	724902	8073300	6	7	1	TM01133	75.4	1.4	1	0.42	1.4	0.31	38.6	0.19	19.7	6.69	2.26	0.21	0.16	186	7.7	1.19	
BAC006	724902	8073300	7	8	1	TM01134	66.4	1.46	1.04	0.39	1.32	0.32	36.9	0.21	19.8	6.22	2.26	0.22	0.17	58	7.8	1.24	
BAC006	724902	8073300	8	9	1	TM01135	35.6	1.27	0.97	0.28	1.08	0.3	20.6	0.2	10.7	3.21	1.43	0.18	0.17	129	7.3	1.19	
BAC006	724902	8073300	9	10	1	TM01136	76.8	1.39	1.04	0.43	1.42	0.32	43.4	0.2	20.2	6.69	2.31	0.21	0.17	27	7.5	1.18	
BAC006	724902	8073300	10	11	1	TM01137	85.8	1.76	1.07	0.79	2.35	0.36	42.7	0.21	31.9	9.67	4.03	0.34	0.18	45	7.7	1.21	
BAC006	724902	8073300	11	12	1	TM01138	109	1.81	1.12	0.67	2.09	0.37	50.7	0.23	32.2	11.2	3.41	0.31	0.19	73	8.6	1.4	
BAC006	724902	8073300	12	13	1	TM01139	111.5	1.6	0.92	0.7	2.33	0.31	52.7	0.17	33.9	11.35	3.68	0.3	0.15	481	6.9	1.03	
BAC006	724902	8073300	13	14	1	TM01142	81.2	1.19	0.65	0.59	1.89	0.23	34.8	0.12	29.7	9.16	3.18	0.23	0.1	361	3.8	0.73	
BAC006	724902	8073300	14	15	1	TM01143	93.9	2.36	1.13	0.97	4.05	0.41	45.5	0.19	35.5	10.7	4.45	0.47	0.17	182	8.5	1.16	
BAC006	724902	8073300	15	16	1	TM01144	137.5	3.69	1.62	1.46	6.33	0.66	69.2	0.26	53.8	14.9	6.56	0.72	0.24	89	14.4	1.56	
BAC006	724902	8073300	16	17	1	TM01145																	
BAC006	724902	8073300	17	18	1	TM01146	30.7	1.64	1.19	0.35	1.26	0.37	18.2	0.24	10.6	3.3	1.65	0.24	0.2	107	8.6	1.47	
BAC006	724902	8073300	18	19	1	TM01147	70.5	2.57	1.23	0.83	3.49	0.48	36.9	0.2	24.5	7.6	3.5	0.45	0.18	124	8.1	1.23	
BAC006	724902	8073300	19	20	1	TM01148	20.9	1.06	0.73	0.27	1.01	0.24	11.7	0.15	8	2.29	1.2	0.16	0.13	368	4.4	0.9	
BAC006	724902	8073300	20	21	1	TM01149	40.5	1.93	1.12	0.52	2.09	0.4	22.2	0.21	14.7	4.21	2.22	0.31	0.18	141	7.4	1.28	
BAC006	724902	8073300	21	22	1	TM01150	40.7	2.11	1.23	0.53	2.17	0.44	22.7	0.24	15.5	4.29	2.35	0.32	0.2	144	8.3	1.39	
BAC006	724902	8073300	22	23	1	TM01151	27.2	1.37	0.99	0.31	1.11	0.3	16.8	0.21	9.4	2.89	1.49	0.19	0.17	217	7.3	1.29	
BAC006	724902	8073300	23	24	1	TM01152	109	2.73	1.44	0.91	3.65	0.53	63.4	0.24	32	10.8	4.21	0.49	0.21	155	10.8	1.47	
BAC006	724902	8073300	24	25	1	TM01153	57.5	1.68	1.13	0.44	1.67	0.36	37	0.22	17.4	5.47	2.2	0.26	0.19	183	8.4	1.37	
BAC006	724902	8073300	25	26	1	TM01154	41.7	1.54	1.06	0.37	1.42	0.34	26.9	0.21	13.2	4.04	1.87	0.24	0.17	468	7.6	1.27	
BAC006	724902	8073300	26	27	1	TM01155	500	20.9	3.63	29.9	76.8	2.2	319	0.3	713	169	150	7.14	0.38	137	29.8	1.94	
BAC007	724669	8072339	0	1	1	TM01156	120	2.43	1.28	1.15	3.53	0.45	24.5	0.22	31	8.15	5.84	0.47	0.2	515	6.8	1.39	
BAC007	724669	8072339	1	2	1	TM01157	30.3	1.84	1.14	0.52	1.78	0.38	17.6	0.21	14	3.93	2.49	0.29	0.18	496	6.6	1.34	
BAC007	724669	8072339	2	3	1	TM01158	30.4	1.61	0.97	0.57	1.75	0.32	14.8	0.18	14.9	3.97	2.72	0.2					

HOLE_ID	X	Y	DEPTH_FROM	DEPTH_TO	INTERVAL_LENGTH	SAMPLEID	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	V_ppm	Y_ppm	Yb_ppm
BAC007	724669	8072339	7	8	1	TM01165	25.6	1.23	0.94	0.25	0.87	0.29	15.3	0.2	8.1	2.68	1.22	0.17	0.17	361	5.8	1.24
BAC007	724669	8072339	8	9	1	TM01166	18.85	0.92	0.71	0.17	0.61	0.22	11.2	0.16	5.6	1.84	0.8	0.12	0.13	190	4.3	0.99
BAC007	724669	8072339	9	10	1	TM01167	34.2	0.94	0.72	0.2	0.72	0.22	18.8	0.16	9	3.21	1.11	0.13	0.12	51	4	0.94
BAC007	724669	8072339	10	11	1	TM01168	32.4	1.13	0.88	0.24	0.8	0.27	18.8	0.19	9.1	3.06	1.17	0.16	0.15	49	5.6	1.15
BAC007	724669	8072339	11	12	1	TM01169	56.5	1.2	0.85	0.3	1.04	0.26	33.4	0.17	14.5	5.22	1.61	0.18	0.15	204	6.5	1.08
BAC007	724669	8072339	12	13	1	TM01170	85.4	1.25	0.85	0.39	1.18	0.26	37.9	0.17	23.6	8.86	2.15	0.2	0.14	419	6.5	1.03
BAC007	724669	8072339	13	14	1	TM01171	60.1	1.06	0.75	0.29	0.87	0.23	31.4	0.16	15.8	5.99	1.62	0.15	0.13	137	4.8	0.93
BAC007	724669	8072339	14	15	1	TM01172	33.1	2.34	1.69	0.36	1.51	0.54	19.6	0.31	9.8	3.25	1.59	0.31	0.28	52	13.3	1.95
BAC007	724669	8072339	15	16	1	TM01173	35.6	1.46	1.18	0.31	1.14	0.35	22.6	0.25	10.3	3.19	1.53	0.21	0.22	46	8.6	1.45
BAC007	724669	8072339	16	17	1	TM01174	31	0.85	0.7	0.18	0.6	0.21	16.6	0.16	7.6	2.62	0.94	0.12	0.13	47	3.5	0.93
BAC007	724669	8072339	17	18	1	TM01175	63.7	1.39	1.04	0.35	1.2	0.32	37.9	0.22	16.3	5.68	1.95	0.21	0.18	36	7.6	1.34
BAC007	724669	8072339	18	19	1	TM01176	94.8	2.21	1.51	0.71	2.28	0.48	50.5	0.27	30	9.35	3.75	0.36	0.24	79	11.9	1.72
BAC007	724669	8072339	19	20	1	TM01177	100.5	2.06	1.26	0.86	2.58	0.42	45.1	0.24	39.8	11.35	4.76	0.35	0.21	146	8.6	1.44
BAC007	724669	8072339	20	21	1	TM01178	140	2.63	1.34	1.61	4.52	0.46	57.7	0.23	69.8	16.4	9.25	0.51	0.22	520	9.1	1.4
BAC007	724669	8072339	21	22	1	TM01179	112	2.66	1.26	1.87	5.55	0.46	47.6	0.21	61.8	14	9.94	0.57	0.2	369	10.4	1.32
BAC007	724669	8072339	22	23	1	TM01182	182.5	3.37	1.58	1.98	6.28	0.58	74.8	0.26	79.1	20.2	11	0.68	0.24	500	11.3	1.63
BAC007	724669	8072339	23	24	1	TM01183	159.5	3.6	1.78	1.85	6.53	0.65	65.5	0.29	74.7	19.05	9.2	0.72	0.27	219	13.4	1.82
BAC007	724669	8072339	24	25	1	TM01184	89.5	2.81	1.53	1.18	4.54	0.53	43.1	0.25	37.8	10.1	5.73	0.53	0.24	199	11.3	1.58
BAC007	724669	8072339	25	26	1	TM01185	37.6	1.89	1.29	0.49	2	0.4	18	0.26	15.6	4.16	2.41	0.3	0.21	216	7.9	1.54
BAC007	724669	8072339	26	27	1	TM01186	59.9	2.04	1.14	0.68	2.74	0.4	31.9	0.21	23.8	6.48	3.35	0.36	0.18	213	9.3	1.3
KAC001	674654	8061597	0	1	1	TM00002	108.5	2.28	0.97	1.55	4.81	0.37	77.8	0.16	47.4	13.2	7.74	0.52	0.14	840	8.1	1.02
KAC001	674654	8061597	1	2	1	TM00003	25	1.25	0.95	0.32	1.06	0.28	16	0.2	9	2.71	1.48	0.18	0.16	310	7.5	1.22
KAC001	674654	8061597	2	3	1	TM00004	74.4	1.85	1.07	0.62	2.3	0.35	52.5	0.19	20.5	6.89	2.94	0.34	0.18	504	8.6	1.21
KAC001	674654	8061597	3	4	1	TM00005	21.6	1.04	0.83	0.24	0.84	0.25	13.7	0.17	7.2	2.18	1.13	0.16	0.15	257	6.6	1.04
KAC001	674654	8061597	18	19	1	TM00006	67.2	1.16	0.76	0.38	1.23	0.24	34.8	0.15	18.4	6.41	1.96	0.2	0.13	189	6.4	0.89
KAC001	674654	8061597	19	20	1	TM00007	20.9	1.05	0.72	0.25	0.96	0.23	12.4	0.13	6.9	2.1	1.19	0.16	0.12	176	5.9	0.82
KAC001	674654	8061597	20	21	1	TM00008	71.8	1.03	0.64	0.29	1.01	0.21	39	0.12	15.1	6.11	1.5	0.17	0.1	249	5	0.74
KAC002	674354	8061599	0	1	1	TM00009	29.9	1.35	0.97	0.32	1.19	0.3	11.8	0.19	9.4	2.68	1.64	0.2	0.17	1055	5.8	1.18
KAC002	674354	8061599	1	2	1	TM00010	42.1	1.2	0.81	0.39	1.11	0.26	21.9	0.16	12.6	3.74	2.02	0.18	0.15	1605	4.9	1.03
KAC002	674354	8061599	2	3	1	TM00011	133	2.31	1.22	2.17	5.36	0.43	108	0.22	58.7	16.35	10.45	0.55	0.19	2070	9.9	1.5
KAC002	674354	8061599	3	4	1	TM00012	98.6	1.84	0.91	1.55	4.22	0.31	74.9	0.15	46.1	12.5	8.41	0.43	0.14	884	7.5	0.96
KAC002	674354	8061599	4	5	1	TM00013	69	1.48	0.95	0.86	2.37	0.31	47.9	0.18	24.6	7.28	4.25	0.29	0.16	604	7.6	1.09
KAC002	674354	8061599	5	6	1	TM00014	34.3	1.43	1.05	0.44	1.46	0.32	21.6	0.19	13.4	3.85	2.23	0.23	0.17	507	7.6	1.25
KAC002	674354	8061599	6	7	1	TM00015	31.4	1.42	1.02	0.42	1.39	0.31	19.7	0.19	12.4	3.46	2.06	0.22	0.17	444	7.9	1.18
KAC003	674052	8061600	0	1	1	TM00016	237	4.35	1.56	2.94	9.96	0.66	176	0.21	89.2	26.9	13.8	1.11	0.21	642	13.3	1.37
KAC003	674052	8061600	1	2	1	TM00017	94.4	2.19	1.12	1.11	3.73	0.4	73	0.2	34.9	10.5	5.35	0.45	0.17	622	9.3	1.18
KAC003	674052	8061600	2	3	1	TM00018	47.6	1.36	1.03	0.46	1.43	0.29	27.6	0.19	17.8	5.09	2.47	0.21	0.18	316	7.9	1.23
KAC003	674052	8061600	3	4	1	TM00019	41.7	1.51	1.12	0.48	1.59	0.32	24.4	0.21	16.4	4.65	2.31	0.25	0.18	231	9	1.26
KAC004	673733	8061600	0	1	1	TM00022	38.8	1.39	0.89	0.43	1.45	0.28	25.9	0.16	13	3.85	2.11	0.23	0.14	1195	6.7	1.04
KAC004	673733	8061600	1	2	1	TM00023	34.1	1.56	1.12	0.35	1.36	0.35	21	0.22	11.3	3.39	1.68	0.23	0.18	649	8.9	1.33
KAC004	673733	8061600	2	3	1	TM00024	34.3	1.36	1.04	0.34	1.2	0.31	19.3	0.18	11.4	3.64	1.64	0.21	0.17	506	7.7	1.18
KAC004	673733	8061600	3	4	1	TM00025	23.1	1.29	0.99	0.28	1.03	0.3	14.5	0.18	8.6	2.48	1.36	0.18	0.17	389	8	1.18
KAC004	673733	8061600	4	5	1	TM00026	31.1	1.3	0.98	0.29	1	0.29	18.4	0.18	9.6	3	1.42	0.19	0.17	239	7.7	1.17
KAC004	673733	8061600	5	6	1	TM00027	40.8	1.13	0.85	0.27	0.95	0.26	22.7	0.17	11.3	3.77	1.43	0.18	0.14	246	7.3	1.02
KAC004	673733	8061600	6	7	1	TM00028	17.55	0.9	0.76	0.17	0.66	0.22	10	0.16	5.6	1.73	0.82	0.13	0.13	264	6	0.98
KAC004	673733	8061600	7	8	1	TM00029	10.4	0.82	0.67	0.13	0.48	0.19	5.9	0.14	3.6	1.08	0.62	0.1	0.11	357	5.5	0.85
KAC004	673733	8061600	8	9	1	TM00030	17.4	1.03	0.89	0.17	0.62	0.26	10.8	0.19	5.3	1.6	0.75	0.13	0.15	150	6.6	1.1
KAC005	673758	8061302	0	1	1	TM00031	101.5	1.61	0.84	1.08	2.87	0.3	69.2	0.15	41.6	11.95	6.08	0.34	0.14	1965	6.5	0.93
KAC005	673758	8061302	1	2	1	TM00032	176.5	4	1.43	2.78	9.48	0.61	142	0.19	73.5	21.6	12.45	1.02	0.2	1905	12.2	1.24
KAC005	673758	8061302	2	3	1	TM00033	115.5	2.29	1.08	1.51	4.55	0.39	90.2	0.19	50.1	14.9	7.95	0.5	0.16	983	9	1.16
KAC005	673758	8061302	3	4	1	TM00034	65.3	1.49	0.97	0.75	2.26	0.31	44.5	0.19	24.8	7.25	3.89	0.28	0.16	549	7.6	1.22
KAC005	673758	8061302	4	5	1	TM00035	36.9	1.23	0.93	0.44	1.39	0.3	22.8	0.18	14.5	4.09	2.3	0.2	0.16	365	7.8	1.11
KAC005	673758	8061302	5	6	1	TM00036	37.1	1.25	0.87	0.38	1.24	0.29	22.8	0.17	13.9	4.05	2.05	0.2	0.16	247	7.9	1.08
KAC006	674018	8061300	0	1	1	TM00037	91.3	1.84	0.99	1.05	3.47	0.34	62.4	0.17	34.7	10.3	5.23	0.41	0.15	1055	8	1.05
KAC006	674018	8061300	1	2	1	TM00038	35.5	1.3	0.97	0.36	1.31	0.29	22.7	0.19	12.8	3.79	1.85	0.22	0.17	379	8	1.16
KAC006	674018	8061300	2	3	1	TM00039	28.5	1.18	0.9	0.33	1.16	0.26	18.6	0.16	10.3	3.06	1.59	0.18	0.14	385	6.9	1.06
KAC007	674321	8061295	0	1	1	TM00042	65.4	1.56	1.09	0.47	1.56	0.33	28	0.19	17	4.99	2.5	0.26	0.17	1120	7	1.24
KAC007	674321	8061295	1	2	1	TM00043	81.6	1.72	1.16	0.74	2.07	0.36	57.4	0.21	29.3	9.13	3.96	0.31	0.19	1590	9.1	1.29
KAC007	674321	8061295	2	3	1	TM00044	121.5	1.65	1.09	1.04	2.86	0.33	102.5	0.2								

HOLE_ID	X	Y	DEPTH_FROM	DEPTH_TO	INTERVAL_LENGTH	SAMPLEID	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	V_ppm	Y_ppm	Yb_ppm
KAC007	674321	8061295	7	8	1	TM00049	23.3	1.23	1	0.27	1	0.32	15.1	0.19	7.4	2.29	1.18	0.17	0.17	282	7.2	1.19
KAC007	674321	8061295	8	9	1	TM00050	18.85	1.23	0.97	0.23	0.92	0.28	11.3	0.18	6.4	1.94	1.04	0.17	0.16	247	6.3	1.13
KAC008	674641	8061294	0	1	1	TM00051	19.9	1.11	0.75	0.3	1.05	0.25	8.3	0.13	7.5	1.98	1.3	0.17	0.12	1075	4.2	0.84
KAC008	674641	8061294	1	2	1	TM00052	22.5	1.22	0.84	0.31	1.03	0.26	10.7	0.16	7.9	2.15	1.39	0.18	0.14	1105	6.1	0.97
KAC008	674641	8061294	2	3	1	TM00053	134.5	2.63	1.15	2.33	6.62	0.43	96	0.18	64.3	17.3	11.15	0.69	0.17	1500	9.2	1.2
KAC008	674641	8061294	3	4	1	TM00054	265	6.11	1.91	3.36	12.2	0.9	181.5	0.21	110.5	33.3	15.6	1.42	0.23	1865	15.8	1.39
KAC008	674641	8061294	4	5	1	TM00055	49.4	1.51	0.97	0.65	1.95	0.3	32.8	0.17	20.8	5.87	3.23	0.26	0.16	1065	6.3	1.12
KAC008	674641	8061294	5	6	1	TM00056	53	1.66	1.14	0.6	1.91	0.37	35.4	0.2	20.1	5.7	3.11	0.28	0.18	456	8.9	1.31
KAC008	674641	8061294	6	7	1	TM00057	35.2	1.49	1.05	0.45	1.51	0.32	20.9	0.2	13.8	3.9	2.23	0.23	0.17	461	6.7	1.26
KAC008	674641	8061294	7	8	1	TM00058	24	1.22	0.92	0.29	0.99	0.28	14.8	0.18	8.7	2.49	1.46	0.17	0.15	290	6.9	1.14
KAC008	674641	8061294	8	9	1	TM00059	19.65	1.12	0.84	0.24	0.8	0.25	11.4	0.17	6.9	2	1.15	0.14	0.15	300	5.6	1.06
KAC008	674641	8061294	9	10	1	TM00062	28.1	1.06	0.85	0.24	0.81	0.25	16.9	0.17	7.9	2.52	1.09	0.15	0.15	263	6.6	1.09
KAC008	674641	8061294	10	11	1	TM00063	43.2	1.05	0.84	0.25	0.85	0.25	24.3	0.16	10.2	3.64	1.24	0.15	0.14	250	6.7	1.06
KAC009	673860	8060999	0	1	1	TM00064	87.7	1.81	1.06	0.99	3.13	0.35	69	0.18	30.5	9.02	4.81	0.36	0.17	1500	8	1.16
KAC009	673860	8060999	1	2	1	TM00065	60.4	1.53	0.99	0.68	2.22	0.3	45.1	0.18	21.7	6.46	3.36	0.29	0.14	1130	7	1.09
KAC009	673860	8060999	2	3	1	TM00066	36.7	1.18	0.9	0.38	1.21	0.27	22.3	0.17	12.7	3.84	1.89	0.19	0.15	551	6.3	1.09
KAC009	673860	8060999	3	4	1	TM00067	27.2	1.19	0.94	0.3	1.13	0.28	17.4	0.18	9.1	2.74	1.4	0.18	0.16	390	7.1	1.13
KAC010	674154	8061005	0	1	1	TM00068	20.3	1.04	0.72	0.26	1	0.22	9.4	0.13	7.7	2.08	1.38	0.16	0.12	1055	4.5	1.02
KAC010	674154	8061005	1	2	1	TM00069	64.7	1.5	0.87	0.77	2.06	0.29	39.6	0.16	26.6	7.36	4.13	0.26	0.14	1465	5.3	0.99
KAC010	674154	8061005	2	3	1	TM00070	81	1.89	1.12	1.1	3.14	0.37	52.3	0.21	34.6	9.5	5.58	0.4	0.18	766	8.6	1.33
KAC010	674154	8061005	3	4	1	TM00071	153	2.51	1.15	3.82	8.4	0.41	95.1	0.21	96.1	21.1	20.2	0.68	0.18	1160	7.8	1.27
KAC010	674154	8061005	4	5	1	TM00072	69.8	1.63	1.04	0.99	2.76	0.32	47.3	0.19	31.1	8.3	5.44	0.31	0.17	1090	7	1.2
KAC010	674154	8061005	5	6	1	TM00073	65	1.7	1.05	0.9	2.56	0.34	47	0.19	29.4	7.89	5.07	0.31	0.17	1010	7.6	1.2
KAC010	674154	8061005	6	7	1	TM00074	35.1	1.2	0.88	0.52	1.43	0.27	22	0.15	15.5	4.13	2.6	0.19	0.14	817	5	1.02
KAC010	674154	8061005	7	8	1	TM00075	43	1.31	0.96	0.36	1.16	0.29	25.3	0.18	12.7	4.09	1.82	0.18	0.16	341	7.1	1.2
KAC011	674465	8060999	0	1	1	TM00076	28.5	1.31	0.93	0.33	1.2	0.27	12.2	0.15	9.4	2.6	1.63	0.2	0.14	1210	5.8	0.99
KAC011	674465	8060999	1	2	1	TM00077	25.3	1.5	0.97	0.38	1.51	0.31	9.3	0.16	8.8	2.32	1.68	0.23	0.14	1240	6.6	1.04
KAC011	674465	8060999	2	3	1	TM00078	29.1	1.18	0.83	0.4	1.23	0.26	21.4	0.16	12.5	3.48	2.04	0.19	0.14	1615	5.9	0.99
KAC011	674465	8060999	3	4	1	TM00079	63.4	1.5	1.01	0.86	2.31	0.3	47.5	0.18	26.4	7.31	4.45	0.28	0.15	1025	6.7	1.17
KAC011	674465	8060999	4	5	1	TM00082	24.3	1.25	0.96	0.3	1.06	0.29	15.3	0.19	9	2.57	1.45	0.18	0.16	529	7.1	1.2
KAC011	674465	8060999	5	6	1	TM00083	81.6	1.58	0.97	0.9	2.63	0.33	58.9	0.18	31.2	9.56	5.08	0.31	0.16	1845	8	1.11
KAC012	674642	8060993	0	1	1	TM00084	14.65	0.91	0.71	0.2	0.72	0.21	9.1	0.15	5.9	1.69	1.01	0.13	0.13	490	6	0.91
KAC012	674642	8060993	1	2	1	TM00085	137	2.08	1.32	1.77	4.84	0.44	99.3	0.2	60.7	17.05	9.6	0.48	0.17	632	8.4	1.16
KAC012	674642	8060993	2	3	1	TM00086	41.8	1.3	1.06	0.41	1.28	0.3	26	0.21	14.9	4.54	2.13	0.26	0.18	373	8	1.31
KAC012	674642	8060993	3	4	1	TM00087	30	0.91	0.71	0.27	0.81	0.21	16.8	0.15	9.9	3.14	1.39	0.14	0.13	403	5.2	0.92
KAC013	675900	8061307	0	1	1	TM00088	31	1.07	0.76	0.3	1	0.24	17.6	0.14	10.1	2.96	1.65	0.16	0.13	992	5.6	0.93
KAC013	675900	8061307	1	2	1	TM00089	18.5	1.05	0.84	0.22	0.76	0.25	11.7	0.17	7.1	2.07	1.14	0.14	0.16	528	6.4	1.09
KAC013	675900	8061307	2	3	1	TM00090	17.15	1.03	0.85	0.2	0.73	0.26	10.6	0.18	6.4	1.87	1.05	0.15	0.15	299	6.7	1.11
KAC013	675900	8061307	3	4	1	TM00091	12.5	0.83	0.67	0.17	0.58	0.2	7.4	0.13	5	1.44	0.8	0.11	0.12	410	4.7	0.86
KAC014	675558	8061302	0	1	1	TM00092	18.95	1.12	0.88	0.23	0.85	0.25	11.3	0.18	7.1	2.02	1.19	0.15	0.14	386	6.9	1.05
KAC014	675558	8061302	1	2	1	TM00093	22.9	1.4	1.05	0.27	0.96	0.3	14.8	0.22	8.2	2.41	1.35	0.18	0.18	228	8.7	1.29
KAC014	675558	8061302	2	3	1	TM00094	46.3	1.49	1.07	0.34	1.19	0.33	28.6	0.23	12.6	4.33	1.73	0.22	0.18	294	8.9	1.32
KAC014	675558	8061302	7	8	1	TM00095	22.1	1.06	0.83	0.22	0.79	0.23	13.9	0.17	7.1	2.19	1.12	0.15	0.14	143	6.2	1.04
KAC014	675558	8061302	8	9	1	TM00096	41	1.21	0.9	0.28	1.03	0.29	23.3	0.18	12.1	4.02	1.57	0.18	0.15	251	7.5	1.12
KAC014	675558	8061302	9	10	1	TM00097	50.6	1.26	0.92	0.32	1.06	0.28	24.6	0.18	14.9	5.1	1.76	0.2	0.16	350	7.3	1.15
KAC014	675558	8061302	10	11	1	TM00098	18.35	1.21	0.94	0.24	0.94	0.28	9.7	0.19	6.6	1.9	1.13	0.17	0.16	317	7.4	1.18
KAC014	675558	8061302	11	12	1	TM00099	123	1.56	0.96	0.63	1.9	0.31	70.3	0.17	32.4	11.25	3.78	0.27	0.16	277	8.6	1.1
KAC014	675558	8061302	12	13	1	TM00103	96.7	2.01	1.24	0.67	2.19	0.42	51.8	0.21	26.6	9.13	3.4	0.34	0.2	136	10.3	1.38
KAC014	675558	8061302	13	14	1	TM00104	218	5.33	3.05	1.66	6.09	1.08	107	0.45	63.2	21.2	8.27	0.88	0.46	160	31	2.94
KAC014	675558	8061302	14	15	1	TM00105	125	5.37	3.17	1.46	5.8	1.1	54.4	0.48	42.9	13.5	6.44	0.87	0.46	147	31.5	3.06
KAC015	675271	8061301	0	1	1	TM00106	45.3	1.15	0.75	0.48	1.46	0.23	31	0.15	17.1	4.96	2.72	0.2	0.13	742	6.3	1.05
KAC015	675271	8061301	1	2	1	TM00107	20.8	1.11	0.9	0.26	0.94	0.26	12.8	0.18	8	2.32	1.31	0.16	0.15	335	7	1.13
KAC015	675271	8061301	2	3	1	TM00108	13.9	0.98	0.79	0.19	0.72	0.23	7.8	0.17	5.4	1.56	0.98	0.13	0.13	267	5.9	0.99
KAC015	675271	8061301	3	4	1	TM00109	22.9	1.02	0.8	0.22	0.74	0.23	14.4	0.18	7	2.23	1.04	0.14	0.14	188	5.8	1.03
KAC015	675271	8061301	4	5	1	TM00110	17.9	0.87	0.73	0.18	0.66	0.21	10.7	0.16	6	1.85	0.99	0.13	0.12	233	5.1	0.94
KAC015	675271	8061301	5	6	1	TM00111	33.3	1.02	0.82	0.25	0.81	0.25	21.2	0.18	9.4	3.1	1.37	0.18	0.15	225	6.9	1.06
KAC015	675271	8061301	6	7	1	TM00112	15.85	0.87	0.73	0.18	0.64	0.22	10.2	0.16	5.2	1.62	0.86	0.11	0.13	189	5.7	0.95
KAC015	675271	8061301	7	8	1	TM00113	13.5	0.9	0.72	0.17	0.59	0.24	8.1	0.16	4.7	1.42	0.78	0.12	0.13	236	5.6	0.97
KAC015	675271	8061301	8	9	1	TM00114	103.5	1.17	0.86	0.37	1.1	0.25	71.1	0.17	20.5	8.52	2.11	0.17	0.14	247	6.5	1.



HOLE_ID	X	Y	DEPTH_FROM	DEPTH_TO	INTERVAL_LENGTH	SAMPLEID	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	V_ppm	Y_ppm	Yb_ppm
KAC016	675061	8061307	3	4	1	TM00119	35.1	1.02	0.75	0.42	1.09	0.22	23.2	0.14	14	4.01	2.11	0.17	0.13	999	5.1	0.89
KAC016	675061	8061307	4	5	1	TM00122	32.6	1.14	0.82	0.39	1.12	0.26	21.4	0.17	13.1	3.63	2.03	0.17	0.15	447	6.7	1.05
KAC017	674974	8061307	0	1	1	TM00123	57.2	1.44	0.98	0.65	1.8	0.32	39	0.17	22.6	6.23	3.69	0.26	0.16	882	8.3	1.13
KAC017	674974	8061307	1	2	1	TM00124	15.5	0.9	0.73	0.24	0.73	0.21	9.8	0.14	6.9	1.85	1.18	0.13	0.12	501	4.3	0.85
KAC017	674974	8061307	2	3	1	TM00125	19.3	1.05	0.76	0.3	0.85	0.24	12.8	0.14	8	2.28	1.37	0.16	0.14	784	6.2	0.9
KAC017	674974	8061307	12	13	1	TM00126	26	0.87	0.7	0.21	0.67	0.2	15.3	0.13	7.1	2.32	1.02	0.12	0.11	190	4.8	0.85
KAC017	674974	8061307	13	14	1	TM00127	49.2	1.15	0.84	0.31	0.98	0.27	30.4	0.17	11.9	4.08	1.56	0.18	0.15	175	7.1	1.01
KAC017	674974	8061307	14	15	1	TM00128	18.7	1.09	0.8	0.26	0.93	0.26	11.3	0.16	6.9	1.91	1.18	0.16	0.14	170	7.1	0.98
KAC018	674801	8061318	0	1	1	TM00129	112	1.64	0.84	1.34	3.41	0.3	94.3	0.15	47.4	13.65	7.05	0.36	0.13	870	7.4	0.91
KAC018	674801	8061318	1	2	1	TM00130	67.4	1.3	0.96	0.56	1.57	0.3	48	0.2	21.2	6.78	2.96	0.24	0.16	303	7.8	1.12
KAC018	674801	8061318	2	3	1	TM00131	33.5	1.09	0.78	0.37	1.04	0.24	20.1	0.16	13.3	3.65	2.13	0.16	0.13	394	6.4	0.95
KAC018	674801	8061318	3	4	1	TM00132	18.6	0.89	0.67	0.25	0.72	0.21	12.1	0.14	7.5	2.08	1.17	0.13	0.12	390	5.7	0.83
KAC019	675915	8061000	0	1	1	TM00133	75.8	1.43	0.79	0.81	2.21	0.27	61	0.14	28.6	8.44	4.25	0.26	0.13	1400	5.7	0.91
KAC019	675915	8061000	1	2	1	TM00134	32.3	1.36	0.96	0.44	1.42	0.3	24.4	0.17	14.5	4.07	2.24	0.23	0.15	924	6.2	1.07
KAC019	675915	8061000	2	3	1	TM00135	22.7	0.95	0.77	0.24	0.8	0.23	13.5	0.15	7.9	2.36	1.19	0.14	0.13	412	5.4	0.89
KAC020	675616	8060999	0	1	1	TM00136	34.3	1.09	0.74	0.37	1.1	0.24	23.5	0.14	12	3.51	1.91	0.17	0.12	1070	4.9	0.83
KAC020	675616	8060999	1	2	1	TM00137	39.4	1.3	0.93	0.34	1.11	0.29	24.7	0.17	12.9	3.9	1.9	0.2	0.16	783	6.5	1.11
KAC020	675616	8060999	2	3	1	TM00138	35.2	1.14	0.88	0.32	0.99	0.26	22.1	0.16	11.4	3.58	1.63	0.18	0.15	449	6.4	1.04
KAC021	675318	8060995	0	1	1	TM00139	34.6	1.19	0.8	0.38	1.13	0.26	21.7	0.14	11.5	3.34	1.81	0.19	0.13	829	5.4	0.91
KAC021	675318	8060995	1	2	1	TM00143	32.6	1.55	1.11	0.39	1.37	0.35	20.9	0.2	12.6	3.56	2.07	0.24	0.18	755	8.8	1.33
KAC021	675318	8060995	2	3	1	TM00144	23.5	1.17	0.93	0.28	0.99	0.29	15.7	0.18	8.9	2.49	1.44	0.17	0.15	413	6.7	1.12
KAC021	675318	8060995	3	4	1	TM00145	46.3	1.45	1.1	0.37	1.15	0.32	29.1	0.21	14	4.31	1.93	0.2	0.17	319	8.7	1.25
KAC021	675318	8060995	4	5	1	TM00146	64.3	1.5	1.01	0.38	1.14	0.33	36.5	0.21	20	6.39	2.18	0.19	0.17	319	8.1	1.25
KAC021	675318	8060995	5	6	1	TM00147	34.7	1.08	0.85	0.27	0.84	0.25	19.1	0.17	11.8	3.5	1.52	0.16	0.15	279	6.9	1.04
KAC021	675318	8060995	6	7	1	TM00148	13.15	1.01	0.81	0.18	0.69	0.24	7.6	0.16	5.2	1.43	0.86	0.13	0.15	266	6.2	0.99
KAC021	675318	8060995	14	15	1	TM00149	72.3	2.72	1.71	0.65	2.64	0.59	35.4	0.27	20.5	6.71	2.82	0.44	0.26	153	17.4	1.74
KAC021	675318	8060995	15	16	1	TM00150	147	3.12	2.06	1.01	3.32	0.68	67.8	0.3	43	15.05	4.68	0.54	0.3	188	19.4	1.81
KAC021	675318	8060995	16	17	1	TM00151	154.5	3.42	2.13	1.03	3.6	0.73	66.6	0.31	44.3	15.55	4.94	0.55	0.31	174	21.8	1.97
KAC021	675318	8060995	17	18	1	TM00152	42.5	3.46	2.16	0.74	3.2	0.77	22.9	0.32	15.8	4.54	2.84	0.54	0.34	156	21.9	2.09
KAC021	675318	8060995	18	19	1	TM00153	73.6	3.61	2.34	0.85	3.57	0.78	33.7	0.33	23.3	7.53	3.14	0.57	0.33	146	22.9	2.18
KAC021	675318	8060995	19	20	1	TM00154	81.8	3.76	2.29	0.85	3.64	0.79	38.1	0.34	24.6	8.44	3.53	0.59	0.34	157	23.8	2.07
KAC021	675318	8060995	20	21	1	TM00155	27.1	3.69	2.32	0.78	3.54	0.79	15.1	0.37	12.1	3.1	2.75	0.57	0.36	105	22.4	2.32
KAC022	675016	8061001	0	1	1	TM00156	43.8	1	0.62	0.49	1.4	0.2	33.1	0.11	16.7	4.99	2.52	0.19	0.1	1160	4	0.76
KAC022	675016	8061001	1	2	1	TM00157	40.2	1.45	0.98	0.58	1.6	0.29	27	0.18	17.8	4.94	2.99	0.23	0.16	829	6.8	1.09
KAC022	675016	8061001	2	3	1	TM00158	26.9	1.22	0.86	0.35	1.17	0.27	18.9	0.18	10.9	3.19	1.76	0.18	0.15	519	6.7	1.07
KAC023	675924	8060705	0	1	1	TM00159	55	1.12	0.63	0.54	1.47	0.22	42.1	0.12	19.8	6.06	2.87	0.19	0.11	1140	4.6	0.71
KAC023	675924	8060705	1	2	1	TM00162	49.7	1.61	1.03	0.63	1.77	0.34	30.8	0.2	20	5.77	3.11	0.27	0.18	836	6.7	1.25
KAC023	675924	8060705	2	3	1	TM00163	52.7	1.46	1	0.52	1.56	0.31	32.9	0.2	17.3	5.48	2.49	0.24	0.17	659	7.6	1.15
KAC023	675924	8060705	3	4	1	TM00164	23.5	1.15	0.83	0.28	0.95	0.26	13.4	0.17	8.5	2.47	1.38	0.17	0.14	429	5.8	1.01
KAC024	675538	8060703	0	1	1	TM00165	43.3	1.26	0.79	0.47	1.37	0.25	28.7	0.13	14.8	4.46	2.36	0.2	0.12	1160	5.7	0.92
KAC024	675538	8060703	1	2	1	TM00166	25.1	0.97	0.69	0.31	1.01	0.22	14.4	0.13	9.1	2.59	1.64	0.15	0.12	1315	4.3	0.79
KAC024	675538	8060703	2	3	1	TM00167	12	0.68	0.53	0.18	0.59	0.16	7.7	0.11	4.8	1.43	0.85	0.1	0.09	916	3.2	0.67
KAC024	675538	8060703	3	4	1	TM00168	14.4	1.03	0.87	0.17	0.59	0.24	7.2	0.19	4.8	1.42	0.81	0.13	0.15	256	5.3	1.19
KAC024	675538	8060703	4	5	1	TM00169	5.56	0.62	0.57	0.09	0.33	0.16	2.6	0.13	2	0.57	0.37	0.07	0.1	201	3	0.77
KAC024	675538	8060703	5	6	1	TM00170	6.36	0.64	0.57	0.11	0.41	0.16	3.2	0.13	2.7	0.76	0.51	0.08	0.11	812	3.1	0.77
KAC024	675538	8060703	6	7	1	TM00171	18.6	0.91	0.71	0.23	0.7	0.2	11.9	0.14	6.9	2.03	1.1	0.12	0.12	816	4.4	0.84
KAC024	675538	8060703	7	8	1	TM00172	15.4	0.92	0.78	0.18	0.65	0.22	9.9	0.15	5.4	1.62	0.88	0.13	0.13	366	5.1	0.94
KAC024	675538	8060703	8	9	1	TM00173	12.65	0.79	0.62	0.17	0.6	0.19	7.5	0.14	4.7	1.35	0.79	0.11	0.11	444	3.8	0.78
KAC024	675538	8060703	9	10	1	TM00174	24.6	0.97	0.76	0.23	0.76	0.22	14.7	0.15	8.1	2.56	1.14	0.14	0.13	344	5.2	0.95
KAC024	675538	8060703	10	11	1	TM00175	79.5	1.32	0.98	0.4	1.2	0.29	47.5	0.18	18.7	6.72	2.09	0.2	0.16	300	7.6	1.13
KAC024	675538	8060703	11	12	1	TM00176	19.55	0.88	0.7	0.18	0.7	0.2	12.1	0.15	6.2	1.96	0.94	0.12	0.13	265	5	0.92
KAC024	675538	8060703	12	13	1	TM00177	33.9	1.03	0.8	0.25	0.8	0.24	19.1	0.17	10	3.38	1.18	0.14	0.14	233	6	1.01
KAC024	675538	8060703	13	14	1	TM00178	85	1.18	0.91	0.41	1.12	0.26	41.3	0.17	28.2	9.88	2.44	0.18	0.15	296	6.7	1.07
KAC024	675538	8060703	14	15	1	TM00179	65.9	1.05	0.83	0.34	0.93	0.25	35.9	0.17	21.2	7.08	1.99	0.15	0.14	183	6.3	1.01
KAC025	675232	8060700	0	1	1	TM00182	49.7	1.27	0.77	0.57	1.65	0.26	38	0.14	19.7	5.77	3.03	0.21	0.13	1155	6.1	0.88
KAC025	675232	8060700	1	2	1	TM00183	23	0.86	0.56	0.29	0.89	0.18	15.7	0.1	9.3	2.73	1.47	0.13	0.1	1120	3.3	0.67
KAC025	675232	8060700	2	3	1	TM00184	32.3	1.2	0.83	0.39	1.15	0.26	22.3	0.17	12.3	3.57	1.89	0.17	0.14	965	5.6	1.01
KAC025	675232	8060700	3	4	1	TM00185	11.3	0.88	0.76	0.17	0.58	0.22	5.9	0.15	3.9	1.16	0.69	0.12	0.14	263	4.6	0.95
KAC025	675232	8060700	4	5	1	TM00186	6.89	0.73	0.67	0.11	0.44	0.19	3	0.16	2.4	0.69	0.4					

HOLE_ID	X	Y	DEPTH_FROM	DEPTH_TO	INTERVAL_LENGTH	SAMPLEID	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	V_ppm	Y_ppm	Yb_ppm
KAC026	674951	8060701	0	1	1	TM00191	21.1	0.81	0.54	0.24	0.76	0.17	11.9	0.11	7.1	2.11	1.23	0.13	0.09	1060	3.1	0.64
KAC026	674951	8060701	1	2	1	TM00192	12.15	0.89	0.72	0.16	0.62	0.22	6.6	0.15	4.9	1.36	0.82	0.12	0.13	325	4	0.94
KAC026	674951	8060701	2	3	1	TM00193	11.3	0.92	0.77	0.16	0.59	0.22	5.3	0.16	4.3	1.21	0.76	0.12	0.14	440	4.5	1.01
KAC026	674951	8060701	3	4	1	TM00194	10.8	0.88	0.74	0.17	0.59	0.21	4.8	0.15	4.8	1.26	0.91	0.12	0.13	1425	4.5	0.91
KAC026	674951	8060701	4	5	1	TM00195	8.06	0.52	0.44	0.11	0.39	0.13	4.2	0.1	3.5	0.96	0.62	0.08	0.08	1060	2.3	0.59
KAC026	674951	8060701	5	6	1	TM00196	45.6	1.01	0.65	0.62	1.94	0.2	30.6	0.13	19.7	5.59	3.2	0.21	0.11	1130	4.3	0.76
KAC026	674951	8060701	6	7	1	TM00197	353	2.18	0.43	3.46	8.89	0.24	241	0.05	177	48.8	22.6	0.67	0.05	399	3.9	0.29
KAC026	674951	8060701	7	8	1	TM00198	36.2	1.51	1.16	0.39	1.32	0.34	24.1	0.24	13.9	4.12	2.05	0.22	0.19	270	8.5	1.44
KAC026	674951	8060701	8	9	1	TM00199	19.45	0.89	0.7	0.21	0.72	0.21	11.3	0.15	7.3	2.12	1.16	0.12	0.12	447	4.8	0.87
KAC026	674951	8060701	9	10	1	TM00200	39.2	1.03	0.92	0.28	0.87	0.23	22.2	0.17	12.1	3.82	1.64	0.15	0.14	423	5.9	1.06
KAC027	674654	8060705	0	1	1	TM00204	37.7	0.94	0.6	0.41	1.3	0.2	28.2	0.1	14.2	4.31	2.12	0.18	0.09	1205	3.7	0.66
KAC027	674654	8060705	1	2	1	TM00205	36.4	1.05	0.62	0.44	1.36	0.2	26.5	0.12	14.3	4.25	2.28	0.18	0.1	1540	3.9	0.71
KAC027	674654	8060705	2	3	1	TM00206	22.7	1.01	0.84	0.24	0.81	0.33	14.9	0.19	8.1	2.36	1.24	0.14	0.15	575	6.4	1.1
KAC027	674654	8060705	3	4	1	TM00207	19.25	0.34	0.17	0.17	0.53	0.07	12.4	0.03	6.7	2.02	1.02	0.06	0.03	335	1.8	0.16
KAC028	673725	8060692	0	1	1	TM00208	24.8	1.21	0.83	0.33	1.25	0.27	15.6	0.15	9.7	2.72	1.67	0.2	0.13	981	5.6	0.95
KAC028	673725	8060692	1	2	1	TM00209	37.2	1.63	1.06	0.43	1.55	0.34	20.4	0.19	12.5	3.58	2.16	0.26	0.18	772	7.3	1.23
KAC028	673725	8060692	2	3	1	TM00210	26.3	1.39	0.96	0.31	1.14	0.3	17.1	0.18	10.1	2.92	1.69	0.21	0.16	648	6.7	1.15
KAC028	673725	8060692	3	4	1	TM00211	22	1.29	1	0.28	1.04	0.28	13.7	0.2	8.1	2.35	1.34	0.18	0.17	451	6.8	1.24
KAC028	673725	8060692	4	5	1	TM00212	9.3	0.84	0.69	0.15	0.51	0.19	5.2	0.14	4	1.1	0.74	0.11	0.12	347	3.9	0.89
KAC028	673725	8060692	5	6	1	TM00213	17.75	1	0.84	0.18	0.63	0.24	10.9	0.18	5.7	1.78	0.86	0.13	0.16	287	5	1.15
KAC028	673725	8060692	6	7	1	TM00214	20.3	1	0.81	0.21	0.8	0.23	12.6	0.17	7.2	2.18	1.16	0.15	0.14	720	5.2	1.05
KAC028	673725	8060692	7	8	1	TM00215	26.9	1.2	0.81	0.39	1.24	0.25	17.3	0.14	10.9	3.09	2.01	0.2	0.13	2210	6.1	0.95
KAC028	673725	8060692	8	9	1	TM00216	27.2	0.58	0.28	0.25	0.83	0.1	17.3	0.04	9.6	2.9	1.55	0.1	0.04	796	2.3	0.24
KAC028	673725	8060692	9	10	1	TM00217	31.9	1.04	0.79	0.27	0.89	0.23	21.6	0.16	11	3.59	1.49	0.16	0.13	278	6.2	0.99
KAC028	673725	8060692	10	11	1	TM00218	45.5	1.06	0.77	0.33	0.99	0.22	28.7	0.15	13.9	4.68	1.78	0.16	0.13	292	5.9	0.89
KAC029	674024	8060703	0	1	1	TM00219	81.3	1.48	0.94	0.46	1.52	0.3	24.1	0.16	13	3.71	2.26	0.24	0.15	1010	7.2	1.04
KAC029	674024	8060703	1	2	1	TM00222	15.05	0.83	0.66	0.17	0.63	0.19	5	0.12	5.1	1.38	0.88	0.12	0.11	1485	3.9	0.77
KAC029	674024	8060703	2	3	1	TM00223	57.1	1.36	0.92	0.64	1.88	0.28	41.6	0.18	22.7	6.48	3.47	0.24	0.15	1560	6.6	1.12
KAC029	674024	8060703	3	4	1	TM00224	86	1.54	0.95	0.92	2.62	0.3	62.4	0.21	29.2	9.3	4.82	0.27	0.16	1400	7.4	1.19
KAC029	674024	8060703	4	5	1	TM00225	25.7	1.14	0.83	0.24	0.88	0.24	16.1	0.18	8.4	2.58	1.3	0.15	0.15	488	6.6	1.09
KAC029	674024	8060703	5	6	1	TM00226	27.4	0.39	0.19	0.19	0.57	0.07	18.1	0.03	7.9	2.58	1.09	0.08	0.03	446	1.8	0.2
KAC029	674024	8060703	13	14	1	TM00227	15	1.06	0.91	0.2	0.77	0.26	8.8	0.2	5.3	1.53	0.94	0.15	0.17	191	6.6	1.19
KAC029	674024	8060703	14	15	1	TM00228	20.7	0.88	0.69	0.19	0.64	0.2	13.8	0.16	5.9	1.9	0.91	0.12	0.13	317	5.9	0.97
KAC030	674311	8060701	0	1	1	TM00229	106	2.22	1.24	1.19	3.64	0.42	64.8	0.21	33	9.13	5.9	0.45	0.22	1860	10.5	1.42
KAC030	674311	8060701	1	2	1	TM00230	62.1	2.31	1.07	1.01	3.05	0.35	51.6	0.19	28.2	8	4.88	0.38	0.18	1550	8.7	1.2
KAC030	674311	8060701	2	3	1	TM00231	39.5	1.19	0.85	0.36	1.24	0.26	23.9	0.18	14.9	4.39	2.23	0.18	0.17	550	6.3	1.13
KAC030	674311	8060701	3	4	1	TM00232	32	1.38	1.15	0.29	1.06	0.33	17.7	0.24	9.8	3.02	1.53	0.2	0.19	522	8.9	1.42
KAC030	674311	8060701	4	5	1	TM00233	75.1	1.3	1.03	0.39	1.27	0.32	39.6	0.21	21.9	7.34	2.27	0.21	0.17	448	8.1	1.25
KAC030	674311	8060701	5	6	1	TM00234	22.8	1.04	0.86	0.24	0.8	0.24	11.5	0.19	8.5	2.49	1.26	0.16	0.15	439	5.5	1.05
KAC031	674428	8061296	0	1	1	TM00235	17.65	1.06	0.74	0.25	0.97	0.24	8	0.16	6.9	1.82	1.28	0.17	0.14	1140	5.4	0.9
KAC031	674428	8061296	1	2	1	TM00236	15.55	1.02	0.75	0.25	0.85	0.23	6.8	0.15	6.9	1.81	1.28	0.15	0.12	1315	4.5	0.94
KAC031	674428	8061296	2	3	1	TM00237	53	1.63	1.07	0.68	2.01	0.35	36.8	0.2	21.8	6.31	3.62	0.29	0.17	2310	7.2	1.28
KAC031	674428	8061296	3	4	1	TM00238	194.5	1.98	0.95	1.99	4.54	0.34	146	0.19	100.5	26.6	13.05	0.46	0.16	1250	7.4	1.1
KAC031	674428	8061296	4	5	1	TM00239	105.5	1.55	1.04	1.07	2.78	0.32	77.9	0.22	49.7	13.6	6.78	0.32	0.18	805	8.1	1.32
KAC031	674428	8061296	5	6	1	TM00242	21.4	1.02	0.8	0.29	0.96	0.33	11.5	0.16	9.5	2.61	1.51	0.15	0.14	610	4.9	0.95
KAC031	674428	8061296	6	7	1	TM00243	22.7	1.16	0.89	0.29	0.98	0.27	12.5	0.19	9.3	2.57	1.51	0.18	0.16	299	6	1.1
KAC032	674376	8061298	0	1	1	TM00244	31.8	1.22	0.86	0.31	1.12	0.26	9.5	0.16	8.5	2.23	1.54	0.2	0.15	1020	6.5	0.99
KAC032	674376	8061298	1	2	1	TM00245	24.7	1.3	0.89	0.27	1.03	0.28	8	0.18	8.2	2.21	1.4	0.19	0.16	841	5.6	1.1
KAC032	674376	8061298	2	3	1	TM00246	37.2	1.23	0.94	0.35	1.1	0.28	20.5	0.18	13.1	3.94	1.84	0.2	0.16	1320	6	1.16
KAC032	674376	8061298	3	4	1	TM00247	131	1.9	1.08	1.47	3.92	0.37	111	0.22	51.2	15.45	8.19	0.4	0.18	1960	8.5	1.32
KAC032	674376	8061298	4	5	1	TM00248	87.4	1.41	1.08	0.75	2.08	0.33	65.8	0.24	29.7	9.26	4.43	0.26	0.19	478	10.3	1.34
KAC032	674376	8061298	5	6	1	TM00249	30.6	1.13	0.93	0.34	1.11	0.26	19.5	0.18	11.1	3.28	1.86	0.17	0.15	559	5.8	1.11
KAC032	674376	8061298	6	7	1	TM00250	17.6	0.98	0.75	0.24	0.78	0.22	9.8	0.16	7.8	2.1	1.27	0.15	0.14	300	4.9	1.01
KAC032	674376	8061298	7	8	1	TM00251	8.93	0.77	0.63	0.15	0.57	0.19	4.7	0.14	4.1	1.11	0.78	0.11	0.12	355	3.7	0.87
KAC032	674376	8061298	8	9	1	TM00252	19.05	0.95	0.78	0.2	0.68	0.21	10.4	0.16	6.2	1.94	0.99	0.13	0.16	307	5.5	0.97
KAC032	674376	8061298	9	10	1	TM00253	17.55	1	0.85	0.2	0.71	0.24	10.2	0.18	6.1	1.8	0.96	0.14	0.15	183	6.4	1.08
KAC032	674376	8061298	10	11	1	TM00254	19.5	0.88	0.75	0.16	0.6	0.21	11.9	0.16	5.3	1.78	0.8	0.13	0.13	140	5.5	1.02
KAC032	674376	8061298	11	12	1	TM00255	21.3	0.89	0.78	0.16	0.62	0.22	12.4	0.17	5.7	1.92	0.83	0.13	0.14	194	5.9	1.01
KAC033	674289	8061301	0	1	1	TM00256	50	1.59	1.17	0.49	1.69	0.34	22.6	0.2	15	4.16	2.56	0.28	0.18			

HOLE_ID	X	Y	DEPTH_FROM	DEPTH_TO	INTERVAL_LENGTH	SAMPLEID	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	V_ppm	Y_ppm	Yb_ppm
KAC034	670065	8067711	0	1	1	TM00263	14.95	0.89	0.6	0.2	0.74	0.19	6.4	0.11	5.9	1.54	1.06	0.13	0.1	953	3.2	0.71
KAC034	670065	8067711	1	2	1	TM00264	15.35	0.79	0.61	0.16	0.6	0.19	8.1	0.13	5.7	1.68	0.85	0.11	0.11	868	2.9	0.76
KAC034	670065	8067711	2	3	1	TM00265	21.7	0.92	0.76	0.18	0.68	0.22	11.6	0.16	7.3	2.19	0.97	0.12	0.13	761	4.2	0.95
KAC034	670065	8067711	3	4	1	TM00266	13.5	0.85	0.69	0.16	0.64	0.21	7.3	0.14	5.2	1.48	0.84	0.12	0.12	498	3.5	0.85
KAC034	670065	8067711	4	5	1	TM00267	21.5	1.32	0.99	0.26	1.05	0.31	11.8	0.2	8.5	2.36	1.34	0.18	0.17	273	5.8	1.2
KAC034	670065	8067711	7	8	1	TM00268	89.3	1.48	1.01	0.47	1.48	0.32	42.9	0.18	24.9	8.71	2.69	0.24	0.17	363	7.1	1.15
KAC034	670065	8067711	8	9	1	TM00269	94.3	1.55	1.06	0.51	1.61	0.35	50	0.21	27.9	9.2	3.06	0.25	0.17	272	8.3	1.25
KAC034	670065	8067711	9	10	1	TM00270	66.3	1.41	1	0.46	1.49	0.31	33.2	0.19	22	7.03	2.6	0.23	0.16	359	7.2	1.13
KAC034	670065	8067711	10	11	1	TM00271	42.2	1.18	0.88	0.29	1.03	0.26	22.1	0.17	12.5	3.89	1.61	0.18	0.15	222	6.6	1.08
KAC034	670065	8067711	11	12	1	TM00272	96.1	1.42	0.97	0.54	1.61	0.31	42.5	0.19	30.7	9.98	3.29	0.24	0.16	205	7.3	1.11
KAC034	670065	8067711	12	13	1	TM00273	89	1.22	0.82	0.49	1.4	0.26	34.2	0.15	33	10.25	3.16	0.21	0.13	233	5.6	0.9
KAC034	670065	8067711	13	14	1	TM00274	105	1.36	0.96	0.5	1.44	0.29	43.2	0.18	35.2	11.95	3.33	0.22	0.16	212	7.4	1.11
KAC034	670065	8067711	14	15	1	TM00275	21.1	1.05	0.85	0.19	0.73	0.25	9.3	0.18	7.5	2.2	1.07	0.14	0.15	113	5.3	1.12
KAC035	670334	8067288	0	1	1	TM00276	33.4	1.34	0.91	0.32	1.26	0.29	13.2	0.16	10	2.8	1.69	0.2	0.15	709	6	1.01
KAC035	670334	8067288	1	2	1	TM00277	61.3	1.61	1.05	0.46	1.61	0.34	34.9	0.19	20.6	6.66	2.68	0.26	0.17	1410	7.2	1.16
KAC035	670334	8067288	2	3	1	TM00278	21.8	0.82	0.66	0.19	0.66	0.19	11	0.13	7.7	2.29	1.03	0.11	0.11	816	3.1	0.81
KAC035	670334	8067288	3	4	1	TM00279	87.7	0.98	0.66	0.37	1.04	0.2	38.7	0.13	25.7	9.1	2.29	0.16	0.11	594	3.9	0.75
KAC035	670334	8067288	4	5	1	TM00282	54	1.21	0.84	0.35	1.13	0.27	25	0.17	18.5	5.88	2.19	0.18	0.15	371	5.3	1.03
KAC036	671190	8066755	0	1	1	TM00283	26.2	1.31	0.86	0.34	1.32	0.29	12.5	0.15	9.7	2.68	1.71	0.22	0.14	794	6.2	0.94
KAC036	671190	8066755	1	2	1	TM00284	22.1	1.16	0.86	0.25	0.98	0.26	11.6	0.16	8.8	2.47	1.39	0.17	0.14	912	4.1	0.99
KAC036	671190	8066755	2	3	1	TM00285	25.7	1.33	0.96	0.28	1.08	0.29	15.2	0.18	9.3	2.7	1.57	0.19	0.16	737	6.1	1.11
KAC036	671190	8066755	3	4	1	TM00286	17.5	1.08	0.79	0.21	0.79	0.24	9.8	0.15	6.8	1.94	1.14	0.15	0.14	708	4.3	0.96
KAC036	671190	8066755	4	5	1	TM00287	17	1.13	0.87	0.21	0.81	0.26	9.6	0.17	6.7	1.92	1.08	0.15	0.15	498	4.4	1.07
KAC036	671190	8066755	17	18	1	TM00288	27.9	0.84	0.77	0.19	0.63	0.2	15.6	0.14	8.3	2.68	1.1	0.12	0.12	762	4.7	0.86
KAC036	671190	8066755	18	19	1	TM00289	14	0.69	0.61	0.13	0.47	0.18	7.1	0.12	4.7	1.42	0.68	0.09	0.1	276	3.6	0.75
KAC036	671190	8066755	19	20	1	TM00290	118.5	1.27	0.8	0.55	1.44	0.26	50.6	0.16	37.6	12.8	3.69	0.22	0.13	481	5.9	0.92
KAC036	671190	8066755	20	21	1	TM00291	39.5	0.93	0.72	0.25	0.74	0.21	18.6	0.14	13.6	4.15	1.52	0.13	0.12	469	4.6	0.89
KAC037	672048	8066207	0	1	1	TM00292	99.6	2.56	1.57	0.65	2.59	0.53	20.7	0.25	17.8	4.62	3.38	0.42	0.24	769	11.3	1.59
KAC037	672048	8066207	1	2	1	TM00293	75.2	1.33	0.99	0.28	1.05	0.31	11.7	0.2	9	2.46	1.47	0.2	0.17	663	5.5	1.21
KAC037	672048	8066207	2	3	1	TM00294	21.6	1.06	0.82	0.22	0.84	0.24	12.7	0.15	7.5	2.17	1.13	0.15	0.14	742	5.5	0.97
KAC037	672048	8066207	3	4	1	TM00295	16.5	0.94	0.75	0.18	0.66	0.22	9	0.15	5.9	1.68	0.95	0.13	0.12	543	4.3	0.88
KAC037	672048	8066207	4	5	1	TM00296	18.85	0.99	0.8	0.19	0.75	0.23	10.9	0.15	6.5	1.88	1.03	0.14	0.13	438	4.8	0.88
KAC037	672048	8066207	5	6	1	TM00297	46.8	1.3	0.96	0.29	1.02	0.28	29.9	0.18	12.5	4.11	1.65	0.18	0.17	300	7.1	1.14
KAC037	672048	8066207	6	7	1	TM00298	25.8	1.15	0.9	0.23	0.83	0.28	15.4	0.19	8	2.42	1.18	0.15	0.16	321	6.7	1.13
KAC037	672048	8066207	7	8	1	TM00299	21.4	1.02	0.77	0.21	0.7	0.24	12.4	0.17	7.2	2.36	1.03	0.14	0.14	293	5.3	0.96
KAC037	672048	8066207	8	9	1	TM00303	79.3	1.34	0.95	0.43	1.28	0.3	43.1	0.19	26	9.34	2.62	0.21	0.16	203	6.9	1.12
KAC037	672048	8066207	9	10	1	TM00304	149	1.64	1.02	0.85	2.03	0.34	78.1	0.2	58	18.55	5.68	0.29	0.18	248	8.2	1.14
KAC037	672048	8066207	10	11	1	TM00305	24.7	1	0.8	0.22	0.77	0.24	15.1	0.16	8.6	2.77	1.22	0.13	0.13	267	6	0.94
KAC037	672048	8066207	11	12	1	TM00306	89.2	1.07	0.7	0.42	1.08	0.23	44.4	0.14	26.5	9.15	2.47	0.18	0.12	183	5.5	0.88
KAC037	672048	8066207	12	13	1	TM00307	36.7	1.06	0.84	0.26	0.83	0.25	20.6	0.17	11.8	3.89	1.43	0.15	0.14	185	6.1	1.03
KAC038	672879	8065684	0	1	1	TM00308	62.7	1.59	0.99	0.39	1.37	0.34	15.7	0.19	11	3.31	1.99	0.24	0.16	668	5.5	1.13
KAC038	672879	8065684	1	2	1	TM00309	17.8	1.28	0.99	0.21	0.75	0.31	8.2	0.22	5.6	1.72	1.02	0.17	0.18	285	5.7	1.3
KAC038	672879	8065684	2	3	1	TM00310	14.2	0.78	0.57	0.19	0.62	0.17	5.1	0.11	5.6	1.6	0.93	0.11	0.09	1970	2.6	0.66
KAC038	672879	8065684	3	4	1	TM00311	15.05	1.08	0.8	0.21	0.69	0.26	8.7	0.17	6	1.85	1.06	0.14	0.14	977	5.4	1.04
KAC038	672879	8065684	4	5	1	TM00312	15.7	1.1	0.85	0.22	0.75	0.25	9.4	0.18	6.7	2	1.12	0.15	0.14	697	4.7	1.05
KAC038	672879	8065684	5	6	1	TM00313	23.3	1.6	1.13	0.36	1.3	0.36	13.7	0.23	10	2.98	1.77	0.22	0.19	498	6.7	1.37
KAC038	672879	8065684	6	7	1	TM00314	27.4	1.67	1.22	0.38	1.37	0.38	17.2	0.23	11.2	3.32	1.96	0.24	0.2	421	7.7	1.44
KAC039	673575	8064984	0	1	1	TM00315	87.7	1.29	0.8	0.39	1.25	0.28	17.6	0.15	13.3	3.91	2.1	0.21	0.13	1250	4	0.93
KAC039	673575	8064984	1	2	1	TM00316	57.1	1.8	1.22	0.47	1.58	0.39	17.4	0.23	14.3	4.11	2.31	0.26	0.2	798	8.2	1.39
KAC039	673575	8064984	2	3	1	TM00317	23.9	1.27	0.98	0.29	0.95	0.31	15.4	0.2	9.3	2.96	1.47	0.18	0.17	709	6.3	1.19
KAC039	673575	8064984	3	4	1	TM00318	16.55	0.98	0.76	0.2	0.68	0.22	8.7	0.17	6.3	1.89	1.02	0.13	0.14	599	4.3	1.01
KAC040	674116	8064146	0	1	1	TM00319	30.6	1.68	1.07	0.44	1.59	0.36	15.3	0.18	11.8	3.35	2.18	0.26	0.17	675	7.4	1.12
KAC040	674116	8064146	1	2	1	TM00322	29.9	1.64	1.13	0.39	1.31	0.36	16.2	0.21	11.2	3.25	1.89	0.23	0.19	544	6.9	1.28
KAC040	674116	8064146	2	3	1	TM00323	28.2	1.76	1.24	0.41	1.46	0.39	16.4	0.23	11.5	3.49	2	0.26	0.2	501	7.3	1.38
KAC040	674116	8064146	9	10	1	TM00324	26.1	1.27	0.95	0.28	0.96	0.3	14	0.19	9.3	3.07	1.4	0.17	0.16	385	5.5	1.19
KAC040	674116	8064146	10	11	1	TM00325	39.2	1.4	0.87	0.41	1.29	0.3	23.3	0.17	13.8	4.43	2.05	0.21	0.15	751	6.2	1.02
KAC040	674116	8064146	11	12	1	TM00326	45.1	1.36	0.92	0.38	1.21	0.31	26.8	0.18	14.4	4.79	1.97	0.2	0.15	366	6.9	1.09
KAC040	674116	8064146	12	13	1	TM00327	69.9	1.55	1.03	0.48	1.45	0.33	40.5	0.2	20	7.39	2.51	0.23	0.17	285	8	1.18
KAC040	674116	8064146	13	14	1	TM00328	143.5	1.96	1.2	0.83	2.48	0.41	79.6	0.23	42.5	15.65	4.86	0.34	0.			

HOLE_ID	X	Y	DEPTH_FROM	DEPTH_TO	INTERVAL_LENGTH	SAMPLEID	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	V_ppm	Y_ppm	Yb_ppm
KAC041	676800	8061616	3	4	1	TM00333	28.9	1.16	0.84	0.27	0.92	0.26	19.6	0.17	9.2	3.09	1.32	0.16	0.14	422	5.8	1
KAC041	676800	8061616	8	9	1	TM00334	80.5	1.46	0.94	0.56	1.52	0.31	43.5	0.17	27.4	9.72	3.13	0.24	0.15	332	7.1	1.07
KAC041	676800	8061616	9	10	1	TM00335	18.6	0.91	0.73	0.18	0.7	0.22	10.8	0.15	6.1	1.8	0.89	0.13	0.12	369	5.4	0.89
KAC041	676800	8061616	10	11	1	TM00336	27.7	1.16	0.89	0.23	0.84	0.27	18	0.19	8.2	2.6	1.11	0.16	0.16	200	6.9	1.19
KAC042	676794	8061092	0	1	1	TM00337	30.8	1.42	0.93	0.37	1.37	0.3	14	0.16	9.9	2.69	1.83	0.23	0.15	877	6.2	1.02
KAC042	676794	8061092	1	2	1	TM00338	26.4	1.47	1.05	0.35	1.24	0.33	17.2	0.2	10.1	2.87	1.67	0.22	0.18	546	6.8	1.25
KAC042	676794	8061092	2	3	1	TM00339	21.1	1.02	0.78	0.22	0.8	0.24	12.2	0.17	7	2.11	1.07	0.15	0.14	569	4.4	1
KAC042	676794	8061092	3	4	1	TM00342	83.7	1.57	1.07	0.46	1.49	0.34	56.5	0.2	23.2	8.01	2.59	0.24	0.18	507	8.2	1.27
KAC042	676794	8061092	4	5	1	TM00343	19.55	1.14	0.86	0.23	0.85	0.27	11.3	0.18	7	2	1.1	0.16	0.15	406	5.2	1.08
KAC042	676794	8061092	15	16	1	TM00344	41.8	1.43	1.01	0.31	1.12	0.33	28.7	0.21	11.2	3.57	1.48	0.2	0.18	121	8.3	1.24
KAC042	676794	8061092	16	17	1	TM00345	45.4	1.13	0.8	0.3	1.01	0.26	27.9	0.16	12.3	3.99	1.56	0.17	0.13	106	5.2	0.97
KAC042	676794	8061092	17	18	1	TM00346	62.2	1.57	1.11	0.44	1.39	0.35	34.7	0.22	17.9	5.92	2.26	0.24	0.18	123	8.1	1.28
KAC043	676792	8060586	0	1	1	TM00347	27.8	1.52	1.04	0.36	1.37	0.33	14	0.2	9.7	2.7	1.69	0.24	0.17	591	6.7	1.17
KAC043	676792	8060586	1	2	1	TM00348	25	1.14	0.86	0.24	0.9	0.26	14.7	0.18	8.5	2.54	1.28	0.17	0.15	502	5.4	1.08
KAC043	676792	8060586	2	3	1	TM00349	27.3	1.24	0.93	0.26	0.95	0.29	18.1	0.19	8.6	2.62	1.28	0.18	0.16	529	6.5	1.14
KAC043	676792	8060586	3	4	1	TM00350	12.65	0.82	0.64	0.16	0.6	0.2	7.3	0.14	4.7	1.35	0.78	0.11	0.11	431	3.9	0.84
KAC043	676792	8060586	4	5	1	TM00351	19.45	1.01	0.82	0.2	0.76	0.24	11.4	0.17	6.4	1.88	0.96	0.14	0.14	257	5.2	1
KAC043	676792	8060586	18	19	1	TM00352	128	2.72	1.7	1.05	3.2	0.56	55.2	0.31	51.8	14.75	5.94	0.46	0.28	144	13.4	1.83
KAC043	676792	8060586	19	20	1	TM00353	65	2.3	1.59	0.61	2.18	0.51	27.6	0.29	23	7.05	3.02	0.36	0.26	114	10.5	1.76
KAC043	676792	8060586	20	21	1	TM00354	70.2	3.3	1.99	0.86	3.17	0.7	31.4	0.33	25.5	7.67	4.01	0.51	0.32	232	15.3	2.12
KAC044	676784	8060052	0	1	1	TM00355	18.6	0.9	0.6	0.21	0.78	0.2	9.3	0.12	6.7	1.87	1.04	0.14	0.11	763	3.5	0.73
KAC044	676784	8060052	1	2	1	TM00356	19.3	0.95	0.73	0.21	0.77	0.23	11.2	0.14	7.2	2.09	1.05	0.14	0.12	519	4	0.87
KAC044	676784	8060052	2	3	1	TM00357	28.5	1.22	0.92	0.27	0.99	0.28	16.8	0.18	9.3	2.83	1.32	0.18	0.16	398	5.6	1.1
KAC044	676784	8060052	12	13	1	TM00358	53.9	1.45	1.16	0.36	1.28	0.33	30.6	0.21	14.9	4.99	1.83	0.22	0.18	256	8.8	1.3
KAC044	676784	8060052	13	14	1	TM00359	125.5	1.73	1.16	0.61	1.79	0.37	74.8	0.24	32.9	11.45	3.6	0.28	0.19	104	9.3	1.37
KAC044	676784	8060052	14	15	1	TM00362	112	2	1.36	0.66	2.12	0.43	64.5	0.26	32.1	11	3.61	0.32	0.23	61	10.9	1.6
KAC045	676785	8059563	0	1	1	TM00363	52.8	3.76	2.11	1	4.16	0.83	31.1	0.33	25.6	6.94	4.93	0.66	0.32	54	20.4	2.04
KAC045	676785	8059563	1	2	1	TM00364	70	3.92	2.33	1	3.87	0.83	25.9	0.39	23.8	6.21	4.69	0.65	0.37	290	17.4	2.46
KAC045	676785	8059563	2	3	1	TM00365	131.5	2.76	1.63	0.73	2.61	0.56	24.9	0.29	18.7	5.14	3.45	0.46	0.28	720	9.1	1.82
KAC045	676785	8059563	3	4	1	TM00366	51.7	1.64	1.06	0.4	1.45	0.34	13.5	0.18	10.6	2.85	1.91	0.25	0.17	690	5.6	1.18
KAC045	676785	8059563	4	5	1	TM00367	36.5	2.31	1.42	0.57	2.15	0.49	22.4	0.25	15	4.25	2.74	0.38	0.23	549	9.5	1.56
KAC045	676785	8059563	5	6	1	TM00368	24.7	1.35	1.02	0.24	0.9	0.31	13.4	0.22	7.6	2.46	1.15	0.19	0.18	111	5.5	1.31
KAC045	676785	8059563	6	7	1	TM00369	42.7	1.8	1.32	0.37	1.3	0.42	23.3	0.27	13.7	4.5	1.91	0.26	0.23	77	8	1.71
KAC045	676785	8059563	7	8	1	TM00370	44.2	1.85	1.4	0.42	1.39	0.44	25	0.28	14.9	4.85	2.07	0.27	0.24	92	8.7	1.68
KAC045	676785	8059563	8	9	1	TM00371	36.4	1.83	1.24	0.43	1.48	0.41	15.6	0.24	12.7	3.7	2.07	0.26	0.21	322	7.5	1.39
KAC045	676785	8059563	9	10	1	TM00372	49.5	1.9	1.41	0.46	1.52	0.44	24.4	0.28	16.4	5.16	2.28	0.28	0.23	136	8.8	1.63
KAC046	676763	8057228	0	1	1	TM00373	43.4	1.74	1.04	0.47	1.65	0.35	21.9	0.19	13.4	3.65	2.34	0.27	0.17	1065	7.7	1.16
KAC046	676763	8057228	1	2	1	TM00374	21.6	0.92	0.67	0.22	0.74	0.2	8.3	0.13	6.4	1.73	1.09	0.14	0.11	881	3	0.8
KAC046	676763	8057228	2	3	1	TM00375	28.9	1.52	1.06	0.35	1.2	0.33	17.9	0.2	10.5	2.97	1.72	0.22	0.17	549	6.9	1.16
KAC046	676763	8057228	3	4	1	TM00376	21.3	1.26	0.95	0.28	0.97	0.28	12.6	0.17	8.1	2.28	1.35	0.19	0.15	591	5.2	1.07
KAC047	676758	8056905	0	1	1	TM00377	29.5	0.89	0.59	0.25	0.82	0.19	16.2	0.11	8.8	2.65	1.31	0.14	0.1	1005	3.1	0.65
KAC047	676758	8056905	1	2	1	TM00378	31.6	1.24	0.81	0.3	1.01	0.26	16.4	0.16	11.1	3.26	1.61	0.18	0.13	719	4	1
KAC047	676758	8056905	2	3	1	TM00379	35.6	1.13	0.82	0.28	0.85	0.24	19	0.16	11.6	3.6	1.51	0.17	0.14	435	4.7	0.99
KAC048	676754	8056590	11	12	1	TM00382	297	1.94	1	1.07	2.55	0.35	159.5	0.19	80.2	27.6	6.77	0.36	0.16	173	8.3	1.16
KAC048	676754	8056590	12	13	1	TM00383	63.1	1.15	0.85	0.36	0.99	0.26	34.4	0.17	17.2	5.98	1.9	0.18	0.14	185	6.1	1.02
KAC048	676754	8056590	13	14	1	TM00384	181	1.58	0.96	0.87	2.05	0.31	93.4	0.19	54.2	17.5	5.23	0.29	0.16	159	7	1.06
KAC048	676754	8056590	14	15	1	TM00385	139.5	1.69	1.14	0.65	1.74	0.35	66.8	0.23	37.8	13.45	3.88	0.28	0.19	48	8	1.36
KAC049	676754	8056269	0	1	1	TM00386	69.5	1.82	1.07	0.71	2.29	0.34	42.7	0.17	21.7	6.73	3.5	0.33	0.16	998	7.9	1.15
KAC049	676754	8056269	1	2	1	TM00387	48	1.45	0.94	0.46	1.52	0.29	26.2	0.18	15.3	4.49	2.37	0.24	0.17	938	5.3	1.11
KAC049	676754	8056269	2	3	1	TM00388	16.5	0.93	0.69	0.21	0.73	0.22	8.8	0.14	6.1	1.7	0.97	0.14	0.12	657	3.2	0.83
KAC050	676751	8055942	0	1	1	TM00389	105.5	2.38	1.32	0.68	2.34	0.46	32.2	0.21	18.7	5.34	3.23	0.4	0.22	1040	9.7	1.38
KAC050	676751	8055942	1	2	1	TM00390	17.05	1.41	0.97	0.31	1.15	0.3	9.5	0.17	7.7	2.03	1.36	0.21	0.15	563	5.3	1.07
KAC050	676751	8055942	2	3	1	TM00391	16.05	1.16	0.91	0.22	0.79	0.27	8.8	0.19	6	1.68	1.03	0.16	0.16	1220	5.1	1.11
KAC050	676751	8055942	12	13	1	TM00392	22.3	1.21	0.86	0.24	0.89	0.27	11.4	0.18	7.7	2.2	1.2	0.17	0.15	183	5.9	1.09
KAC050	676751	8055942	13	14	1	TM00393	45.3	1.19	0.88	0.32	1.03	0.26	25.1	0.18	13.3	4.38	1.64	0.18	0.14	303	6.4	1.1
KAC050	676751	8055942	14	15	1	TM00394	88	1.49	1.01	0.5	1.54	0.31	42	0.19	26.5	9.08	2.8	0.24	0.17	247	7.3	1.25
KAC051	676747	8055643	0	1	1	TM00395	40.8	1.41	0.9	0.44	1.48	0.29	23.4	0.16	13.2	3.93	2.18	0.24	0.15	975	5.8	1
KAC051	676747	8055643	1	2	1	TM00396	36.5	1.64	1.05	0.45	1.48	0.34	22.2	0.2	14	4.05	2.19	0.26	0.17	699	6.4	1.25
KAC051	676747	8055643	2	3	1	TM00397	29.8	1.42	1.03	0.37	1.27	0.31	17.9	0.18	10.6	3.15	1.72	0.21	0.16			

HOLE_ID	X	Y	DEPTH_FROM	DEPTH_TO	INTERVAL_LENGTH	SAMPLEID	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	V_ppm	Y_ppm	Yb_ppm
VAC001	709331	8065343	1	1.5	0.5	TM00405	48	1.36	0.9	0.38	1.37	0.28	26.8	0.16	13.6	4.35	1.92	0.23	0.15	1355	6.6	1.07
VAC001	709331	8065343	1.5	2	0.5	TM00406	65.3	1.58	1.02	0.47	1.61	0.33	36.4	0.19	18.6	5.93	2.38	0.26	0.16	578	7.4	1.14
VAC001	709331	8065343	2	2.5	0.5	TM00407	67.4	1.46	0.98	0.48	1.6	0.31	37	0.17	18.6	5.95	2.45	0.26	0.15	1050	7.7	1.11
VAC001	709331	8065343	2.5	3	0.5	TM00408	55.7	1.54	1.07	0.46	1.65	0.33	29.9	0.19	16.9	5.24	2.31	0.26	0.18	462	7.6	1.23
VAC001	709331	8065343	3	3.5	0.5	TM00409	55.6	1.63	1.05	0.46	1.67	0.35	29.2	0.19	16.8	5.14	2.24	0.26	0.17	445	7.8	1.2
VAC001	709331	8065343	3.5	4	0.5	TM00410	33	1.36	1.05	0.31	1.11	0.31	17.6	0.2	10.3	3.21	1.55	0.21	0.17	106	6.8	1.27
VAC001	709331	8065343	4	4.5	0.5	TM00411	150	2.52	1.12	1.3	4.01	0.43	57.4	0.17	49.1	15.55	6.72	0.54	0.15	45	8.8	1.03
VAC001	709331	8065343	4.5	5	0.5	TM00412	500	19.25	4.29	17.15	46.5	2.28	296	0.28	551	147	90.5	5.27	0.41	36	34	2.04
VAC001	709331	8065343	5	5.5	0.5	TM00413	500	35.4	5.84	44.3	111.5	3.61	131	0.28	927	174.5	208	10.95	0.52	17	41.3	2.22
VAC001	709331	8065343	5.5	6	0.5	TM00414	228	9.74	1.94	9.93	28.9	1.08	59.7	0.14	200	38.3	44.8	2.95	0.2	19	14.6	0.98
VAC002	709336	8065400	0	0.5	0.5	TM00415	68.5	2.23	1.23	0.88	3.04	0.41	32.1	0.18	28.2	7.66	4.53	0.42	0.18	2190	11	1.16
VAC002	709336	8065400	0.5	1	0.5	TM00416	65.5	2.43	1.16	1.6	4.6	0.42	27.2	0.18	37.7	8.41	7.63	0.57	0.16	2150	9	1.1
VAC002	709336	8065400	1	1.5	0.5	TM00417	40.6	1.75	0.92	0.85	2.7	0.33	19.2	0.17	20.2	4.79	3.95	0.35	0.15	1430	7.1	1.04
VAC002	709336	8065400	1.5	2	0.5	TM00418	47.2	1.44	0.93	0.44	1.83	0.3	25.4	0.17	14.7	4.54	2.14	0.24	0.15	885	6.9	1.05
VAC002	709336	8065400	2	2.5	0.5	TM00419	74.5	1.6	0.96	0.59	2.27	0.31	39.5	0.18	21.7	6.75	2.85	0.3	0.16	820	7.3	1.07
VAC002	709336	8065400	2.5	3	0.5	TM00422	35	1.35	1.06	0.34	1.25	0.31	20	0.2	10.6	3.32	1.54	0.21	0.17	109	7.2	1.26
VAC002	709336	8065400	3	3.5	0.5	TM00423	28.8	1.29	0.97	0.31	1.11	0.29	16.5	0.18	9	2.81	1.39	0.19	0.15	151	6.7	1.14
VAC002	709336	8065400	3.5	4	0.5	TM00424	27.1	1.26	0.92	0.33	1.31	0.28	14.7	0.19	9.4	2.77	1.53	0.21	0.15	301	6.8	1.1
VAC002	709336	8065400	4	4.5	0.5	TM00425	22.6	1.24	0.92	0.27	0.99	0.28	12.4	0.18	7.8	2.38	1.3	0.18	0.15	360	6.5	1.14
VAC002	709336	8065400	4.5	5	0.5	TM00426	27.4	1.21	0.95	0.3	1.07	0.28	14.6	0.18	8.9	2.66	1.43	0.19	0.16	589	6.6	1.1
VAC002	709336	8065400	5	5.5	0.5	TM00427	265	4.34	1.6	2.29	7.47	0.69	110.5	0.2	85.1	25.9	11.3	0.92	0.21	49	13.6	1.29
VAC002	709336	8065400	5.5	6	0.5	TM00428	500	18.2	4.2	16.4	45.2	2.24	291	0.3	521	139	82.5	5.02	0.42	74	35.8	2.18
VAC002	709336	8065400	6	6.5	0.5	TM00429	500	21.6	3.49	28.3	74.5	2.24	109	0.19	657	133.5	137.5	6.72	0.31	41	26.9	1.35
VAC002	709336	8065400	6.5	7	0.5	TM00430	228	12.65	2.1	13.25	36.7	1.32	55.9	0.11	254	45.3	59.8	3.66	0.22	38	15	0.9
VAC002	709336	8065400	7	7.5	0.5	TM00431	114.5	6.89	1.73	5.3	18	0.89	38.4	0.19	96.8	18.1	23.5	1.91	0.22	59	14.8	1.29
VAC002	709336	8065400	7.5	8	0.5	TM00432	72	3.28	1.43	2.15	6.36	0.53	26.9	0.22	50.2	10.6	10.4	0.74	0.21	532	10.8	1.4
VAC002	709336	8065400	8	8.5	0.5	TM00433	56.9	2.73	1.2	1.7	5.17	0.46	24.6	0.19	36.1	7.63	7.88	0.6	0.17	109	9	1.22
VAC002	709336	8065400	8.5	9	0.5	TM00434	56.8	2.75	1.22	1.6	4.92	0.46	25.1	0.19	34.5	7.47	7.7	0.58	0.19	113	9.3	1.22
VAC002	709336	8065400	9	9.5	0.5	TM00435	186	36.7	5.48	36	130.5	3.67	61.2	0.27	237	31.6	125.5	11.85	0.49	64	47.7	2.16
VAC002	709336	8065400	9.5	10	0.5	TM00436	98	18.6	3.36	10.45	51.7	2.01	37.4	0.24	72.7	13.85	28.8	5.39	0.34	33	31.1	1.8
VAC003	709185	8065401	0	0.5	0.5	TM00437	77.6	3.47	1.92	1.12	4.42	0.69	41.5	0.27	29.2	8.33	5.04	0.64	0.26	242	17.3	1.75
VAC003	709185	8065401	0.5	1	0.5	TM00438	116.5	3.15	1.55	1.34	4.92	0.57	65.1	0.22	39.3	12.1	5.9	0.6	0.23	412	14	1.41
VAC003	709185	8065401	1	1.5	0.5	TM00439	73.8	2.27	1.19	0.81	3.22	0.41	40.8	0.19	24.3	7.43	3.56	0.42	0.18	155	10	1.21
VAC003	709185	8065401	1.5	2	0.5	TM00442	68.7	1.81	1.14	0.61	2.18	0.38	38.4	0.19	21.3	6.69	2.84	0.3	0.17	396	8.8	1.21
VAC003	709185	8065401	2	2.5	0.5	TM00443	24.9	1.41	1.02	0.31	1.13	0.31	14.4	0.19	8.8	2.62	1.38	0.2	0.16	371	7.2	1.17
VAC003	709185	8065401	2.5	3	0.5	TM00444	20.6	1.39	0.95	0.27	1.06	0.32	12	0.19	7.6	2.28	1.23	0.2	0.16	433	6.8	1.11
VAC003	709185	8065401	3	3.5	0.5	TM00445	24.6	1.38	1.02	0.3	1.05	0.32	14.5	0.17	8.5	2.63	1.32	0.2	0.16	365	7.3	1.15
VAC003	709185	8065401	3.5	4	0.5	TM00446	19.15	1.3	0.97	0.24	0.97	0.28	9	0.18	7	2.17	1.18	0.18	0.16	101	5.4	1.14
VAC003	709185	8065401	4	4.5	0.5	TM00447	128	2.7	1.06	1.22	4.12	0.44	53.7	0.15	42.9	13.45	5.91	0.53	0.15	53	9.3	0.98
VAC003	709185	8065401	4.5	5	0.5	TM00448	500	23.5	4.99	22.8	62.4	2.79	348	0.36	735	196.5	118.5	6.41	0.49	48	42.8	2.59
VAC003	709185	8065401	5	5.5	0.5	TM00449	500	20.5	3.34	29.5	77.8	2.08	130.5	0.18	595	120	133.5	6.66	0.31	16	25.6	1.37
VAC003	709185	8065401	5.5	6	0.5	TM00450	338	13.85	2.23	15.4	42	1.44	77.5	0.12	323	63.5	70.8	4.11	0.21	11	15.4	0.94
VAC003	709185	8065401	6	6.5	0.5	TM00451	181.5	7.29	1.67	6.75	20.2	0.89	53	0.17	152	30.7	31.9	1.96	0.19	436	14.9	1.13
VAC003	709185	8065401	6.5	7	0.5	TM00452	61.6	3.38	1.46	2.07	6.42	0.55	24.5	0.22	45.4	9.19	9.5	0.75	0.21	255	10.7	1.45
VAC004	709485	8065402	0	0.5	0.5	TM00453	66	2.53	1.38	0.92	3.43	0.51	32.3	0.22	25.6	7.13	4.45	0.47	0.21	287	12.4	1.49
VAC004	709485	8065402	0.5	1	0.5	TM00454	154.5	2.63	1.34	1.13	4.04	0.49	82.8	0.2	48	14.95	5.59	0.5	0.2	50	11.2	1.3
VAC004	709485	8065402	1	1.5	0.5	TM00455	52.2	1.38	0.92	0.38	1.34	0.3	29.9	0.17	14.6	4.81	1.85	0.21	0.15	40	6.7	1.03
VAC004	709485	8065402	1.5	2	0.5	TM00456	64.2	1.39	0.9	0.4	1.45	0.31	37.8	0.16	16.7	5.69	2.06	0.22	0.15	39	6.9	1
VAC004	709485	8065402	2	2.5	0.5	TM00457	99.7	1.75	0.99	0.64	2.34	0.35	58.1	0.16	26.2	8.74	3.13	0.31	0.15	1050	8.2	1
VAC004	709485	8065402	2.5	3	0.5	TM00458	42.9	1.3	0.93	0.34	1.24	0.29	24.5	0.17	12.1	3.97	1.66	0.2	0.15	42	7	1.02
VAC004	709485	8065402	3	3.5	0.5	TM00459	28.4	1.26	0.95	0.27	0.98	0.3	17.9	0.18	8.8	2.82	1.3	0.18	0.15	47	7.2	1.1
VAC004	709485	8065402	3.5	4	0.5	TM00462	30.5	1.24	0.92	0.27	1.02	0.29	18	0.16	9	2.94	1.29	0.18	0.15	35	6.5	1.06
VAC004	709485	8065402	4	4.5	0.5	TM00463	129.5	3.07	1.35	1.17	4.88	0.54	72.1	0.2	38.5	12.15	5.26	0.62	0.19	32	11.4	1.28
VAC004	709485	8065402	4.5	5	0.5	TM00464	49.1	1.59	1.01	0.47	1.77	0.32	27.3	0.18	14.8	4.71	2.19	0.27	0.16	36	7.3	1.07
VAC004	709485	8065402	5	5.5	0.5	TM00465	45	1.29	0.94	0.35	1.31	0.29	24.8	0.18	12.8	4.21	1.77	0.21	0.15	32	6.9	1.1
VAC004	709485	8065402	5.5	6	0.5	TM00466	41.5	1.38	0.95	0.38	1.42	0.3	23	0.18	12.6	4.03	1.9	0.22	0.16	62	7.2	1.12
VAC004	709485	8065402	6	6.5	0.5	TM00467	500	11.25	2.8	9.68	25	1.44	570	0.23	482	168.5	56.6	3.02	0.28	49	22.7	1.49
VAC004	709485	8065402	6.5	7	0.5	TM00468	500	25.3	4.57	29.5	77	2.72	281	0.27	843	196	154	7.75	0.43	16		

HOLE_ID	X	Y	DEPTH_FROM	DEPTH_TO	INTERVAL_LENGTH	SAMPLEID	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	V_ppm	Y_ppm	Yb_ppm
VAC005	709728	8065194	1.5	2	0.5	TM00474	105.5	1.76	1.1	0.68	2.26	0.36	52.9	0.19	31.3	9.86	3.7	0.31	0.18	90	8.5	1.21
VAC005	709728	8065194	2	2.5	0.5	TM00475	86.8	1.64	1.03	0.57	1.92	0.34	45.1	0.2	25.1	8.13	3	0.27	0.17	73	8	1.21
VAC005	709728	8065194	2.5	3	0.5	TM00476	69.2	1.42	0.92	0.44	1.46	0.3	36.3	0.17	18.9	6.33	2.33	0.22	0.15	54	6.8	1.09
VAC005	709728	8065194	6	6.5	0.5	TM00477	29.1	1.3	0.98	0.27	1.04	0.3	14.6	0.19	9.3	2.8	1.36	0.18	0.16	76	6.3	1.19
VAC005	709728	8065194	6.5	7	0.5	TM00478	44.3	1.48	0.96	0.43	1.57	0.31	20.5	0.17	14.9	4.28	2.21	0.24	0.15	91	6.8	1.07
VAC005	709728	8065194	7	7.5	0.5	TM00479	225	3.67	1.22	1.75	6.41	0.57	91	0.14	73.3	22.1	9.2	0.79	0.15	67	11.1	0.89
VAC005	709728	8065194	7.5	8	0.5	TM00482	500	12.3	2.73	13.05	34.2	1.48	217	0.21	517	128	76.2	3.35	0.27	41	24.6	1.36
VAC005	709728	8065194	8	8.5	0.5	TM00483	500	35	3.64	53.8	149	2.75	89.9	0.19	957	151	248	13.05	0.32	20	28.9	1.24
VAC005	709728	8065194	8.5	9	0.5	TM00484	121	10.9	1.93	10.75	38.4	1.11	44.6	0.18	131.5	19.35	45.9	3.45	0.22	46	17.4	1.14
VAC005	709728	8065194	9	9.5	0.5	TM00485	281	25	2.58	32.5	104.5	1.98	84.7	0.16	386	52.9	136	9.15	0.23	25	23.1	0.99
VAC005	709728	8065194	9.5	10	0.5	TM00486	83.7	4.7	1.44	4.43	14.6	0.6	33	0.21	70.2	12.35	18.65	1.41	0.2	172	11.2	1.32
VAC006	709419	8065200	0	1	1	TM00487	46.2	1.59	0.92	0.63	2.26	0.31	24.4	0.16	17	4.5	2.94	0.3	0.14	1780	7.1	1
VAC006	709419	8065200	1	2	1	TM00488	47.7	1.84	1.02	0.93	3.18	0.33	23.7	0.19	20.2	4.97	4.31	0.36	0.16	1580	6.9	1.08
VAC006	709419	8065200	2	3	1	TM00489	81.1	1.79	1.08	0.65	2.14	0.35	38.2	0.2	25.7	7.89	3.5	0.3	0.18	61	7.8	1.26
VAC006	709419	8065200	3	4	1	TM00490	167.5	2.87	1.11	1.56	5.05	0.45	63.2	0.15	63.2	17.95	8.4	0.61	0.15	103	9.3	0.97
VAC006	709419	8065200	4	5	1	TM00491	500	25.7	4.78	31.7	79	2.76	279	0.31	1000	218	169	8.15	0.47	58	40.1	2.14
VAC006	709419	8065200	5	6	1	TM00492	259	11	2.04	14.4	40.9	1.2	73.1	0.15	273	45.4	71	3.43	0.21	24	18.3	1
VAC006	709419	8065200	6	7	1	TM00493	73.5	2.97	1.37	1.84	5.73	0.5	31.4	0.22	39.1	8.75	8.78	0.67	0.2	61	10.1	1.38
VAC007	709544	8065087	0	1	1	TM00494	83.1	2.82	1.42	1.3	4.3	0.51	35.5	0.22	39.5	9.95	6.69	0.53	0.21	450	13	1.41
VAC007	709544	8065087	1	2	1	TM00495	32.7	1.6	1.03	0.54	1.88	0.34	18.6	0.2	13.9	3.45	2.7	0.27	0.17	507	8.1	1.21
VAC007	709544	8065087	2	3	1	TM00496	41.8	1.51	1.06	0.37	1.5	0.34	22.4	0.2	13.7	4.03	2.09	0.24	0.17	505	7.6	1.18
VAC007	709544	8065087	3	4	1	TM00497	29	1.4	1	0.33	1.2	0.31	14.7	0.19	10.8	2.99	1.67	0.2	0.16	107	6.5	1.14
VAC007	709544	8065087	4	5	1	TM00498	291	4.93	1.5	2.87	9.53	0.71	104	0.16	110	31.1	14.8	1.1	0.18	45	13.5	1.05
VAC007	709544	8065087	5	6	1	TM00499	500	29.6	3.8	35.4	99.6	2.63	155.5	0.21	779	141	179	9.25	0.35	26	31.3	1.46
VAC007	709544	8065087	6	7	1	TM00503	118.5	8.68	1.71	8.6	28.4	0.92	45.6	0.18	93.5	16.75	33	2.75	0.19	49	15.6	1.19
VAC007	709544	8065087	7	8	1	TM00504	101.5	7.52	1.69	5.08	22.8	0.88	43.1	0.19	45.9	12.05	14.85	2.31	0.19	65	14.7	1.22
VAC008	709781	8064905	0	1	1	TM00505	59.1	2.14	1.3	0.65	2.25	0.43	33.1	0.22	21.4	6.2	3.17	0.33	0.19	157	10.7	1.31
VAC008	709781	8064905	1	2	1	TM00506	65.5	1.44	0.97	0.62	1.98	0.31	36.9	0.19	22	6.65	3.08	0.25	0.16	43	7.4	1.11
VAC008	709781	8064905	2	3	1	TM00507	137	1.9	1.03	1.26	3.74	0.35	71.2	0.18	49	13.85	6.48	0.39	0.15	43	8.3	1.08
VAC008	709781	8064905	3	4	1	TM00508	72.9	1.46	0.98	0.56	1.85	0.31	41.2	0.19	21.2	6.9	2.89	0.25	0.16	265	8	1.17
VAC008	709781	8064905	4	5	1	TM00509	31.8	1.58	1.04	0.36	1.47	0.33	18.5	0.19	10.6	3.31	1.62	0.26	0.17	350	7.9	1.17
VAC008	709781	8064905	5	6	1	TM00510	28.7	1.4	0.95	0.31	1.2	0.3	15.5	0.19	9.6	3.04	1.52	0.21	0.16	282	7.1	1.19
VAC008	709781	8064905	6	7	1	TM00511	50.0	14.05	2.69	17.65	43.7	1.57	210	0.19	462	108.5	89.9	4.16	0.26	25	24	1.31
VAC008	709781	8064905	7	8	1	TM00512	170.5	8.23	1.49	9.76	29	0.86	60.1	0.12	154	27.9	42.1	2.71	0.16	22	13.4	0.84
VAC008	709781	8064905	8	9	1	TM00513	63.9	3.01	1.46	1.6	5.05	0.51	30.3	0.27	30.5	7.75	6.81	0.61	0.21	235	11.7	1.94
VAC008	709781	8064905	9	10	1	TM00514	105	11.15	2.37	8.35	33.6	1.28	40	0.2	70.5	13.85	27.6	3.3	0.25	54	21.6	1.39
VAC008	709781	8064905	10	11	1	TM00515	49.9	4.63	1.26	2.32	9.98	0.61	20.2	0.13	25.3	6.05	7.1	1.17	0.15	24	10.8	0.88
VAC009	709643	8064902	0	1	1	TM00516	42.9	1.22	0.92	0.35	1.19	0.27	26.3	0.17	12.6	4.01	1.74	0.19	0.14	986	7	1.05
VAC009	709643	8064902	1	2	1	TM00517	42.1	1.47	0.98	0.51	2.43	0.32	24.6	0.2	14	4.18	2.41	0.25	0.15	147	13.4	1.14
VAC009	709643	8064902	2	3	1	TM00518	29.5	1.17	0.92	0.31	1.03	0.32	17.2	0.18	9.6	2.94	1.49	0.2	0.15	166	7.1	1.14
VAC009	709643	8064902	3	4	1	TM00519	48	1.18	0.82	0.46	1.47	0.3	25.9	0.17	15.9	4.67	2.23	0.2	0.13	200	6.5	1.01
VAC009	709643	8064902	4	5	1	TM00522	38.9	1.22	0.72	0.68	2.16	0.24	18.6	0.13	20.9	4.86	3.34	0.23	0.11	294	5.2	0.8
VAC009	709643	8064902	5	6	1	TM00523	44.5	1.06	0.72	0.47	1.46	0.23	24.3	0.14	15.6	4.41	2.37	0.18	0.11	179	5.4	0.84
VAC009	709643	8064902	6	7	1	TM00524	27.8	1.09	0.82	0.3	0.96	0.25	16.8	0.17	9	2.8	1.44	0.16	0.15	242	6.6	1.03
VAC009	709643	8064902	7	8	1	TM00525	45.4	1.29	0.88	0.41	1.36	0.28	26.5	0.17	13.1	4.24	2.02	0.21	0.15	151	6.9	1.07
VAC009	709643	8064902	8	9	1	TM00526	500	12.55	2.78	13.55	34.2	1.51	258	0.2	453	119	74.2	3.43	0.27	89	25.9	1.42
VAC009	709643	8064902	9	10	1	TM00527	229	9.99	1.68	12.95	35.1	1.04	62.8	0.12	237	42.3	61.9	3.13	0.16	241	15.4	0.84
VAC009	709643	8064902	10	11	1	TM00528	74.8	3	1.26	1.99	5.97	0.46	31	0.2	42.5	9.64	9.21	0.69	0.18	201	9.5	1.21
VAC009	709643	8064902	11	12	1	TM00529	97.1	12.05	2.32	12.15	45.9	1.29	36.8	0.19	78.3	13.4	40.1	3.95	0.24	91	20.9	1.29
VAC009	709643	8064902	12	13	1	TM00530	52.5	8.76	1.93	4.74	22.5	1.05	21.4	0.14	32	6.74	13.5	2.53	0.2	28	17.8	1.07
VAC009	709643	8064902	13	14	1	TM00531	68.5	5.59	1.41	2.43	10.45	0.74	29.6	0.12	35.6	8.69	9.01	1.35	0.15	39	13.4	0.87
VAC010	709270	8065106	0	1	1	TM00532	78	2.75	1.44	0.88	3.49	0.53	40.5	0.25	27.1	8.01	4.17	0.5	0.21	511	13.5	1.44
VAC010	709270	8065106	1	2	1	TM00533	77.8	1.93	1.02	0.74	2.78	0.34	40.2	0.17	29.6	8.26	3.9	0.36	0.15	1545	8.1	1.05
VAC010	709270	8065106	2	3	1	TM00534	40	1.12	0.82	0.32	1.1	0.25	21.8	0.15	12.2	3.87	1.73	0.17	0.13	594	6.1	0.92
VAC010	709270	8065106	3	4	1	TM00535	56.2	1.35	0.94	0.41	1.24	0.29	29.5	0.18	15.7	5.41	2.13	0.21	0.15	40	6.9	1.1
VAC010	709270	8065106	4	5	1	TM00536	380	5.24	1.63	3.6	10.05	0.75	129	0.16	141	43.4	19.2	1.2	0.18	55	13.5	1.08
VAC010	709270	8065106	5	6	1	TM00537	500	37	5.38	45.3	117.5	3.52	178.5	0.25	929	184	199.5	11.25	0.46	22	44.2	2.01
VAC010	709270	8065106	6	7	1	TM00538	117	10.55	1.87	11.8	38.6	1.12	42.2	0.18	129.5	19.95	46.5	3.41	0.2	55	16	1.16
VAC010	709270	8065106	7	8	1	TM00539	74.6	11.55	1.73	5.62	32.5	1.05	30.4	0.19	41.5	9.94						



HOLE_ID	X	Y	DEPTH_FROM	DEPTH_TO	INTERVAL_LENGTH	SAMPLEID	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	V_ppm	Y_ppm	Yb_ppm
VAC011	709170	8065102	2	3	1	TM00546	74.9	1.79	1	0.77	2.62	0.35	39.4	0.19	28.3	8.18	3.81	0.33	0.16	31	7.9	1.11
VAC011	709170	8065102	3	4	1	TM00547	160.5	2.74	1.19	1.5	4.77	0.46	65.2	0.18	60.1	18.15	7.82	0.57	0.16	33	9.9	1.06
VAC011	709170	8065102	4	5	1	TM00548	500	23.3	3.65	36.1	88.8	2.29	155.5	0.21	810	163	171.5	7.93	0.33	12	30.6	1.5
VAC011	709170	8065102	5	6	1	TM00549	188	10.65	1.89	12	36.9	1.14	61.9	0.15	174	30.1	52.8	3.26	0.2	228	16	1.03
VAC011	709170	8065102	6	7	1	TM00550	80.7	4.82	1.39	4.03	13.05	0.66	33.6	0.2	56.5	11.15	15.7	1.35	0.19	293	10.6	1.23
VAC011	709170	8065102	7	8	1	TM00551	150.5	24.9	2.99	13.3	76.6	2.14	54.3	0.2	104.5	21.3	36.2	9	0.27	51	28.4	1.36
VAC011	709170	8065102	8	9	1	TM00552	58.6	5.73	1.58	2.04	10.45	0.75	25.9	0.13	30.6	7.34	7.14	1.4	0.16	27	13.9	0.91
VAC012	709089	8065104	0	1	1	TM00553	59.8	2.44	1.43	0.77	2.95	0.5	31.8	0.23	21.6	6.24	3.61	0.44	0.21	770	14.2	1.39
VAC012	709089	8065104	1	2	1	TM00554	47.1	1.85	1.12	0.54	2.38	0.37	26.3	0.19	14.2	4.53	2.17	0.34	0.17	149	8.9	1.17
VAC012	709089	8065104	2	3	1	TM00555	41.7	1.22	0.85	0.33	1.21	0.26	23.2	0.16	11.8	3.9	1.62	0.2	0.14	39	6.4	0.99
VAC012	709089	8065104	3	4	1	TM00556	500	10.8	2.13	13.3	34.6	1.24	157.5	0.17	388	91.2	71.6	3.1	0.22	27	19.7	1.2
VAC012	709089	8065104	4	5	1	TM00557	184	6.99	1.39	7.24	21.3	0.77	66.5	0.13	141	27.3	33.3	2.04	0.15	16	11.7	0.88
VAC012	709089	8065104	5	6	1	TM00558	67.4	2.7	1.2	1.66	5.54	0.44	30.6	0.19	31.5	7.86	6.96	0.63	0.17	52	9.1	1.22
VAC012	709089	8065104	6	7	1	TM00559	177.5	22.7	2.53	15.15	67.3	1.93	66.2	0.19	134.5	24.8	47.6	7.44	0.23	39	24	1.22
VAC013	709138	8064903	0	1	1	TM00562	75	2.53	1.54	0.76	2.93	0.53	40.4	0.25	25.5	7.84	3.77	0.43	0.22	95	14.3	1.56
VAC013	709138	8064903	1	2	1	TM00563	98.9	2.01	0.95	0.97	3.6	0.35	49.3	0.16	36.8	10.7	4.84	0.42	0.13	47	7.5	0.96
VAC013	709138	8064903	2	3	1	TM00564	42.8	1.38	0.71	0.64	2.26	0.26	21.1	0.13	18.1	4.71	3.13	0.29	0.11	1230	4.8	0.79
VAC013	709138	8064903	3	4	1	TM00565	22.4	1.26	0.86	0.27	1.13	0.27	13.3	0.17	8.1	2.42	1.36	0.18	0.13	1445	6.8	0.99
VAC013	709138	8064903	4	5	1	TM00566	65.3	1.79	0.93	0.78	2.7	0.34	29.8	0.18	27.3	7.71	3.97	0.33	0.14	578	7	0.95
VAC013	709138	8064903	5	6	1	TM00567	172.5	3.24	1.29	1.67	5.38	0.53	69.7	0.18	60.3	19.1	8.4	0.65	0.17	68	11.2	1.13
VAC013	709138	8064903	6	7	1	TM00568	499	25.8	3.6	31.6	90.9	2.51	90.1	0.19	506	90.4	135.5	8.33	0.32	41	32.1	1.42
VAC013	709138	8064903	7	8	1	TM00569	91.5	9.74	1.76	6.97	27.3	1.05	37.9	0.15	62.4	12.05	24.6	2.9	0.18	36	16.2	1
VAC013	709138	8064903	8	9	1	TM00570	53.1	3.06	1.23	1.16	5.02	0.48	26.2	0.19	19.4	5.63	4.27	0.67	0.18	69	9.6	1.2
VAC013	709138	8064903	9	10	1	TM00571	100.5	28.9	3.5	7.01	53.2	2.58	40.3	0.2	56.4	13.05	17.1	8.05	0.3	59	35.7	1.44
VAC013	709138	8064903	10	11	1	TM00572	59.8	7.72	1.84	1.95	12.2	0.99	26.7	0.14	28.9	7.09	6.7	1.81	0.19	55	17.5	1.04
VAC013	709138	8064903	11	12	1	TM00573	63.7	5.21	1.34	1.69	8.05	0.73	29.1	0.13	32.7	7.89	6.85	1.17	0.16	38	12.7	0.87
VAC014	709167	8064802	0	1	1	TM00574	53.7	2.3	1.16	0.64	2.72	0.41	30.1	0.19	18.4	5.3	2.89	0.43	0.17	1060	10	1.22
VAC014	709167	8064802	1	2	1	TM00575	46	1.03	0.66	0.3	1.09	0.21	24.5	0.14	13.7	4.26	1.58	0.17	0.12	135	4.7	0.84
VAC014	709167	8064802	2	3	1	TM00576	38.3	1	0.64	0.29	1.05	0.2	20.3	0.16	13.1	3.82	1.6	0.17	0.12	317	4.5	0.89
VAC014	709167	8064802	3	4	1	TM00577	62.2	1.16	0.7	0.49	1.68	0.25	32	0.16	21.4	6.02	2.64	0.21	0.12	397	5.8	0.89
VAC014	709167	8064802	4	5	1	TM00578	64.9	1.39	0.72	0.75	2.4	0.25	30.5	0.14	27.3	6.91	3.85	0.29	0.11	419	5.4	0.78
VAC014	709167	8064802	5	6	1	TM00579	53.8	1.4	0.77	0.7	2.21	0.26	25.4	0.13	24.2	6.15	3.24	0.27	0.12	402	5.9	0.84
VAC014	709167	8064802	6	7	1	TM00582	54.2	1.75	0.92	0.62	2.22	0.32	29	0.18	21.3	5.57	3.13	0.31	0.15	274	7.7	1.06
VAC014	709167	8064802	7	8	1	TM00583	132	2.25	1.11	1.02	3.17	0.4	65.7	0.19	36.8	12.05	5.14	0.42	0.17	124	8.4	1.14
VAC014	709167	8064802	8	9	1	TM00584	500	16.15	3.32	16.55	41.6	1.91	221	0.21	523	124.5	87.4	4.3	0.31	29	30	1.53
VAC014	709167	8064802	9	10	1	TM00585	229	12.75	2.21	14.8	40.7	1.37	61.4	0.15	256	42.3	66.8	3.75	0.21	85	19.2	1.08
VAC015	709185	8064745	0	1	1	TM00586	47.9	1.33	0.94	0.43	1.37	0.28	27.1	0.17	15.7	4.69	2.16	0.22	0.15	844	7	1.02
VAC015	709185	8064745	1	2	1	TM00587	70.5	1.56	1.17	0.65	1.85	0.31	36.3	0.18	25.4	7.19	3.38	0.26	0.14	593	7.3	1.07
VAC015	709185	8064745	2	3	1	TM00588	57.5	1.47	0.96	0.64	1.94	0.3	29.8	0.18	21.4	5.76	3.18	0.26	0.15	488	7.5	1.1
VAC015	709185	8064745	3	4	1	TM00589	43.1	1.07	0.81	0.28	1.03	0.23	23.9	0.16	13.4	4.07	1.56	0.16	0.13	499	5.6	0.95
VAC015	709185	8064745	4	5	1	TM00590	37.6	0.87	0.64	0.27	0.84	0.19	19.4	0.13	11.8	3.59	1.41	0.14	0.11	240	4.3	0.83
VAC015	709185	8064745	5	6	1	TM00591	71.5	1.35	0.98	0.48	1.44	0.29	34.3	0.2	25.6	7.42	2.77	0.22	0.16	52	7.3	1.18
VAC015	709185	8064745	6	7	1	TM00592	95.7	2.16	1.01	1.25	3.91	0.37	42	0.17	46.3	11.45	6.11	0.44	0.16	93	7.8	1.08
VAC015	709185	8064745	7	8	1	TM00593	37.9	1.13	0.71	0.44	1.59	0.22	19	0.14	16.1	4.13	2.2	0.18	0.12	289	5.7	0.85
VAC015	709185	8064745	8	9	1	TM00594	37.6	1.12	0.71	0.49	1.51	0.23	17.9	0.14	17.8	4.37	2.5	0.2	0.11	187	5.1	0.86
VAC015	709185	8064745	9	10	1	TM00595	65.8	1.72	0.95	0.98	3.05	0.33	31.5	0.17	32.6	7.32	5.04	0.34	0.15	147	7.3	1.07
VAC016	709201	8064664	0	1	1	TM00596	44.3	1.32	0.85	0.37	1.25	0.28	26.5	0.17	13.1	4.18	1.82	0.2	0.15	865	6.4	1.07
VAC016	709201	8064664	1	2	1	TM00597	30.7	0.89	0.68	0.24	0.74	0.2	19.2	0.13	8.6	2.81	1.16	0.14	0.11	597	4.5	0.82
VAC016	709201	8064664	2	3	1	TM00598	52	1.12	0.83	0.33	0.98	0.26	31.6	0.17	13.5	4.55	1.64	0.17	0.13	317	5.9	0.98
VAC017	709226	8064589	0	1	1	TM00599	50.6	1.61	1.07	0.43	1.47	0.33	24.1	0.19	14.2	4.26	2.15	0.26	0.18	808	7.8	1.23
VAC017	709226	8064589	1	2	1	TM00603	52.2	1.37	0.93	0.38	1.24	0.29	30	0.18	15	4.88	2.03	0.21	0.16	838	7.1	1.12
VAC017	709226	8064589	2	3	1	TM00604	24.5	0.93	0.71	0.21	0.72	0.22	14.6	0.14	7.5	2.37	1.06	0.14	0.12	141	4.9	0.91
VAC017	709226	8064589	3	4	1	TM00605	29.5	0.96	0.77	0.21	0.73	0.22	17.9	0.15	8.5	2.8	1.08	0.14	0.13	63	5	0.94
VAC018	709259	8064442	0	1	1	TM00606	29.4	1.2	0.83	0.3	1.11	0.25	14.8	0.14	9.6	2.75	1.52	0.19	0.13	716	5.6	0.94
VAC018	709259	8064442	1	2	1	TM00607	25.4	0.79	0.56	0.2	0.66	0.16	14.6	0.11	7.2	2.34	1	0.12	0.1	1115	3.3	0.67
VAC018	709259	8064442	2	3	1	TM00608	17.2	0.67	0.5	0.16	0.55	0.15	9.5	0.1	5.4	1.67	0.8	0.1	0.08	569	3	0.66
VAC018	709259	8064442	3	4	1	TM00609	34.8	1.36	1	0.32	1.09	0.3	21.4	0.19	10.4	3.22	1.48	0.19	0.16	240	7.2	1.22
VAC018	709259	8064442	4	5	1	TM00610	61.6	1.22	0.89	0.32	1.06	0.28	38.5	0.17	13.1	4.89	1.66	0.19	0.14	248	6.3	1.04
VAC019	709307	8064301	0	1	1	TM00611	26.2	1.37	0.88	0.33	1.23	0.29	14.6	0.16	9.4	2.71	1.55	0.21				



HOLE_ID	X	Y	DEPTH_FROM	DEPTH_TO	INTERVAL_LENGTH	SAMPLEID	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	V_ppm	Y_ppm	Yb_ppm
VAC020	709020	8065997	0	1	1	TM00616	38.4	2.04	1.24	0.5	1.67	0.4	16.2	0.22	12.4	3.37	2.55	0.32	0.2	955	6.7	1.45
VAC020	709020	8065997	1	2	1	TM00617	27.3	1.54	0.96	0.35	1.15	0.31	13.4	0.19	8.9	2.57	1.64	0.23	0.17	1070	4.8	1.16
VAC020	709020	8065997	2	3	1	TM00618	13.05	0.81	0.55	0.16	0.56	0.18	7.1	0.13	4.5	1.32	0.77	0.11	0.11	524	3.4	0.81
VAC020	709020	8065997	3	4	1	TM00619	31.3	1.28	0.99	0.29	0.98	0.31	20.7	0.2	9.3	2.93	1.28	0.19	0.17	234	6.5	1.22
VAC021	709171	8066002	0	1	1	TM00622	40.9	1.26	0.86	0.31	1.09	0.26	25.5	0.15	10.4	3.46	1.49	0.2	0.13	1155	5.6	0.93
VAC021	709171	8066002	1	2	1	TM00623	78.3	1.34	0.91	0.35	1.12	0.28	46.2	0.18	17.8	6.64	1.92	0.2	0.15	594	7.8	1.14
VAC021	709171	8066002	2	3	1	TM00624	78.5	1.42	1.03	0.39	1.21	0.31	42.6	0.18	19.3	6.97	2.18	0.22	0.17	336	8.2	1.15
VAC021	709171	8066002	3	4	1	TM00625	62	1.33	0.99	0.3	1	0.29	39.9	0.2	14.2	5.22	1.62	0.18	0.16	259	8	1.17
VAC021	709171	8066002	4	5	1	TM00626	104.5	1.28	0.89	0.42	1.23	0.28	63.5	0.17	24	8.43	2.34	0.2	0.16	159	7	1.09
VAC021	709171	8066002	5	6	1	TM00627	153.5	1.56	1.06	0.53	1.51	0.33	84.8	0.2	33.9	12.85	3.08	0.25	0.17	53	8.3	1.26
VAC021	709171	8066002	6	7	1	TM00628	153	1.52	0.89	0.6	1.77	0.29	74.1	0.19	41.6	14.5	3.71	0.24	0.15	248	6.4	1.1
VAC021	709171	8066002	7	8	1	TM00629	120.5	1.72	1.12	0.57	1.68	0.36	61.5	0.22	32.1	11.45	3.2	0.28	0.18	268	8.5	1.32
VAC021	709171	8066002	8	9	1	TM00630	114	1.82	1.22	0.58	1.87	0.38	60.5	0.23	29.8	10.4	3.16	0.29	0.19	216	9.7	1.4
VAC021	709171	8066002	9	10	1	TM00631	120.5	1.81	1.08	0.67	2.21	0.35	61.7	0.18	33.1	11.2	3.54	0.31	0.16	369	8	1.19
VAC022	709086	8065703	0	1	1	TM00632	42.4	1.18	0.77	0.31	1.1	0.24	25.7	0.15	10.6	3.65	1.46	0.18	0.13	1160	5.2	0.89
VAC022	709086	8065703	1	2	1	TM00633	47.1	1.38	0.92	0.37	1.29	0.28	30.4	0.16	13.2	4.25	1.73	0.22	0.14	640	6.3	1.03
VAC022	709086	8065703	2	3	1	TM00634	58.3	1.21	0.9	0.27	0.97	0.27	40.1	0.18	12.8	4.61	1.47	0.17	0.15	212	7.1	1.11
VAC022	709086	8065703	3	4	1	TM00635	112	1.32	0.9	0.37	1.3	0.29	68.3	0.17	21.2	8.41	1.98	0.21	0.14	103	6.9	1.1
VAC022	709086	8065703	4	5	1	TM00636	133	1.3	0.95	0.37	1.07	0.29	91.6	0.2	22.5	9.67	2.12	0.2	0.16	49	7.6	1.19
VAC022	709086	8065703	5	6	1	TM00637	88.5	1.07	0.81	0.27	0.82	0.25	56.3	0.17	16.4	6.61	1.63	0.15	0.14	35	5.4	1.03
VAC022	709086	8065703	6	7	1	TM00638	40.3	1.02	0.81	0.2	0.72	0.24	23.1	0.16	9	3.43	1.13	0.14	0.13	46	5.3	1
VAC022	709086	8065703	7	8	1	TM00639	41	1.15	0.91	0.24	0.83	0.28	25	0.19	9.7	3.43	1.25	0.16	0.15	39	6.8	1.14
VAC022	709086	8065703	8	9	1	TM00642	107.5	1.34	0.99	0.38	1.19	0.29	65.4	0.2	23	8.39	2.25	0.2	0.16	37	7.2	1.17
VAC022	709086	8065703	9	10	1	TM00643	144	1.62	1.15	0.48	1.48	0.36	86.8	0.23	29.5	11.65	2.71	0.26	0.19	33	8.8	1.37
VAC023	709026	8065503	0	1	1	TM00644	40.6	1.2	0.83	0.28	0.96	0.26	26.5	0.15	10.8	3.57	1.48	0.18	0.13	904	6.4	0.99
VAC023	709026	8065503	1	2	1	TM00645	39.6	1.29	0.97	0.28	1.02	0.28	26.8	0.19	9.7	3.41	1.34	0.19	0.15	715	7.3	1.1
VAC023	709026	8065503	2	3	1	TM00646	43.9	1.58	1.14	0.31	1.21	0.37	28.9	0.22	10.7	3.74	1.48	0.23	0.2	201	9.8	1.36
VAC023	709026	8065503	3	4	1	TM00647	57.9	1.28	0.98	0.29	1.01	0.29	38.9	0.19	13.2	4.83	1.56	0.19	0.16	91	7.2	1.16
VAC023	709026	8065503	4	5	1	TM00648	91.9	1.3	0.97	0.42	1.28	0.29	56.9	0.19	23.5	7.86	2.31	0.21	0.17	166	7.1	1.13
VAC023	709026	8065503	5	6	1	TM00649	104	1.61	1.02	0.54	1.6	0.32	58	0.19	27.7	9.55	2.87	0.24	0.17	234	8.6	1.24
VAC023	709026	8065503	6	7	1	TM00650	114	1.7	1.1	0.58	1.8	0.34	62.6	0.2	29.8	10.3	2.99	0.26	0.18	142	9.1	1.29
VAC023	709026	8065503	7	8	1	TM00651	142	1.81	1.03	0.79	2.49	0.36	71.1	0.18	41.8	13.7	4.4	0.33	0.17	91	7.6	1.13
VAC023	709026	8065503	8	9	1	TM00652	79.3	1.47	0.95	0.52	1.7	0.31	40.5	0.17	22.7	7.21	2.53	0.26	0.16	50	6.7	1.06
VAC023	709026	8065503	9	10	1	TM00653	91.1	1.6	0.84	0.65	2.27	0.29	44.9	0.14	26.8	8.55	3.09	0.29	0.13	141	6.2	0.89
VAC023	709026	8065503	10	11	1	TM00654	42.3	1.28	0.89	0.35	1.26	0.28	22.5	0.17	12.7	3.99	1.69	0.21	0.14	205	6.1	1.03
VAC023	709026	8065503	11	12	1	TM00655	500	10.65	2.92	9.64	26.4	1.45	227	0.27	349	89.7	50.1	2.69	0.34	92	29.8	1.8
VAC023	709026	8065503	12	13	1	TM00656	394	10.7	2.1	14.1	37.5	1.19	91.8	0.17	333	67.8	70.8	3.24	0.23	135	18.5	1.23
VAC023	709026	8065503	13	14	1	TM00657	62.2	2.95	1.36	1.73	5.01	0.46	26.8	0.26	40.1	8.36	8.1	0.59	0.21	258	11.6	1.46
VAC023	709026	8065503	14	15	1	TM00658	117.5	16.4	2.72	13.15	52.9	1.7	39.8	0.21	111.5	18.8	43	5.18	0.29	159	25.7	1.51
VAC023	709026	8065503	15	16	1	TM00659	94.3	7.23	1.68	4.16	15.6	0.89	39.7	0.17	59.2	12.75	15.9	1.85	0.2	121	15.9	1.13
VAC024	709800	8065397	0	1	1	TM00662	75.9	2.02	1.48	0.72	2.55	0.42	33.8	0.21	20.8	6.05	3.25	0.36	0.19	289	10.5	1.36
VAC024	709800	8065397	1	2	1	TM00663	94.7	1.61	1.07	0.58	1.81	0.33	53.7	0.2	28.6	8.96	3.19	0.33	0.17	79	8.2	1.21
VAC024	709800	8065397	2	3	1	TM00664	93.9	1.59	0.98	0.6	1.83	0.32	49.3	0.19	27.8	8.77	3.18	0.27	0.17	63	7.4	1.11
VAC024	709800	8065397	3	4	1	TM00665	59.4	1.23	0.87	0.37	1.2	0.26	34.7	0.16	15.7	5.17	1.88	0.2	0.15	68	6.7	1.04
VAC024	709800	8065397	4	5	1	TM00666	51.9	1.09	0.75	0.37	1.22	0.23	28.2	0.14	15.2	4.74	1.9	0.18	0.12	479	5.3	0.89
VAC024	709800	8065397	5	6	1	TM00667	92.3	1.46	0.89	0.55	1.9	0.3	50.7	0.19	24.7	8.04	2.79	0.25	0.15	1960	7.4	1.04
VAC024	709800	8065397	6	7	1	TM00668	143.5	1.78	0.96	0.99	3.3	0.33	70.7	0.16	46.9	14.15	5.17	0.36	0.15	1450	7.9	0.98
VAC024	709800	8065397	7	8	1	TM00669	54.1	1.37	0.79	0.55	1.93	0.27	27.1	0.15	20.7	5.7	2.69	0.24	0.12	1010	6.4	0.89
VAC024	709800	8065397	8	9	1	TM00670	152	2.81	1.32	1.25	4.38	0.5	73.5	0.21	47.5	15	5.66	0.54	0.19	135	11	1.3
VAC024	709800	8065397	9	10	1	TM00671	25.6	1.44	0.85	0.27	0.96	0.25	14.6	0.17	8.6	2.57	1.31	0.17	0.15	552	6.5	1.11
VAC024	709800	8065397	10	11	1	TM00672	350	6.11	1.75	3.72	11.55	0.86	132.5	0.18	135.5	39.5	18.1	1.4	0.21	65	16.2	1.14
VAC024	709800	8065397	11	12	1	TM00673	500	22.6	3.39	33.9	86.1	2.22	144	0.19	746	147.5	153	7.54	0.32	14	30.6	1.39
VAC024	709800	8065397	12	13	1	TM00674	97.3	11.55	1.47	15.35	46	1.03	31.8	0.12	151	18.95	63.9	4.02	0.16	55	14.3	0.8
VAC025	710088	8065402	0	1	1	TM00675	57.7	1.67	0.99	0.55	1.89	0.35	26.5	0.19	16.4	4.83	2.73	0.29	0.17	634	8.3	1.18
VAC025	710088	8065402	1	2	1	TM00676	105.5	2.22	1.22	1.31	3.67	0.41	56.7	0.23	40.7	11.5	6.58	0.43	0.19	154	9.2	1.36
VAC025	710088	8065402	2	3	1	TM00677	67.5	1.42	0.86	0.69	1.97	0.28	38.3	0.17	19.8	6.21	3.27	0.25	0.15	80	6.5	1.03
VAC025	710088	8065402	3	4	1	TM00678	85.8	1.43	0.94	0.45	1.38	0.31	46	0.18	21.9	7.63	2.45	0.22	0.16	65	7.9	1.17
VAC025	710088	8065402	4	5	1	TM00679	63.6	1.6	0.98	0.81	2.34	0.32	34.8	0.19	22.5	6.36	3.9	0.3	0.16	44	7.9	1.17
VAC025	710088	8065402	5	6	1	TM00682	88	1.54	1	0.67	1.86	0.31	43.5	0.2	27.2	8.37	3					

HOLE_ID	X	Y	DEPTH_FROM	DEPTH_TO	INTERVAL_LENGTH	SAMPLEID	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	V_ppm	Y_ppm	Yb_ppm
VAC025	710088	8065402	10	11	1	TM00687	115	1.81	0.92	0.81	2.55	0.32	52	0.16	38.3	11.5	4.25	0.32	0.14	1230	7.3	1.01
VAC025	710088	8065402	11	12	1	TM00688	38.9	1.25	0.66	0.53	1.77	0.23	17.2	0.11	16.4	4.08	2.56	0.23	0.11	1580	4.3	0.7
VAC025	710088	8065402	12	13	1	TM00689	43.3	1.55	1.02	0.43	1.54	0.32	21.9	0.18	16	4.53	2.16	0.24	0.16	398	7.6	1.18
VAC025	710088	8065402	13	14	1	TM00690	100	2.34	1.08	1	3.39	0.4	41.8	0.17	36	10.8	4.96	0.45	0.16	81	9.2	1.08
VAC025	710088	8065402	14	15	1	TM00691	500	18.85	4.71	23.5	62	2	247	0.24	694	162.5	122	5.58	0.33	53	30	1.63
VAC025	710088	8065402	15	16	1	TM00692	294	12.05	2.03	15.95	45.7	1.2	71.3	0.17	318	55.2	77	3.91	0.22	49	17.8	1.17
VAC026	710394	8065404	0	1	1	TM00693	30.8	1.44	0.84	0.35	1.13	0.25	17.6	0.15	10.2	3.12	1.68	0.19	0.13	446	5.9	0.95
VAC026	710394	8065404	1	2	1	TM00694	66.3	1.58	0.84	0.94	2.61	0.3	29.9	0.14	29.6	7.79	4.83	0.33	0.13	465	6.1	0.97
VAC026	710394	8065404	2	3	1	TM00695	82.2	1.67	0.98	0.82	2.47	0.32	46.7	0.18	25	7.6	3.85	0.31	0.16	77	7.3	1.13
VAC026	710394	8065404	7	8	1	TM00696	74.6	1.16	0.87	0.35	1.04	0.26	44.3	0.17	17.6	6.17	1.85	0.17	0.14	353	7.1	1.07
VAC026	710394	8065404	8	9	1	TM00697	67.8	1.29	0.92	0.41	1.24	0.29	37.1	0.19	19.6	6.37	2.19	0.2	0.15	90	6.9	1.13
VAC026	710394	8065404	9	10	1	TM00698	82.1	1.29	0.94	0.38	1.16	0.28	46.3	0.18	20.1	7.01	2.07	0.19	0.15	30	6.8	1.11
VAC026	710394	8065404	10	11	1	TM00699	84.4	1.32	0.99	0.38	1.24	0.29	45.5	0.18	21.1	7.28	2.09	0.2	0.15	39	7	1.12
VAC026	710394	8065404	11	12	1	TM00703	103	1.6	1.07	0.56	1.86	0.34	49.2	0.21	30.5	10.05	2.93	0.26	0.17	32	7.7	1.26
VAC026	710394	8065404	12	13	1	TM00704	37.4	1.4	1.06	0.34	1.18	0.34	21.1	0.21	12.2	3.64	1.68	0.2	0.18	286	7.9	1.31
VAC026	710394	8065404	13	14	1	TM00705	69.7	1.78	1.03	0.78	2.59	0.35	34.7	0.18	28.1	7.01	3.85	0.32	0.16	356	8.9	1.15
VAC026	710394	8065404	14	15	1	TM00706	52.8	1.56	0.88	0.6	2.27	0.3	27.4	0.16	19.8	5.18	2.94	0.28	0.14	248	6.8	0.97
VAC026	710394	8065404	15	16	1	TM00707	57.5	1.57	0.97	0.59	1.96	0.3	29.2	0.17	20.9	5.73	3.03	0.26	0.15	196	7.3	1.13
VAC026	710394	8065404	16	17	1	TM00708	105.5	2.18	1.15	0.99	3.32	0.4	52	0.2	34.6	10.1	4.9	0.41	0.18	84	9.2	1.28
VAC026	710394	8065404	17	18	1	TM00709	69.1	1.67	0.93	0.67	2.32	0.31	32.1	0.16	23	6.65	3.39	0.3	0.14	37	6.5	0.99
VAC026	710394	8065404	18	19	1	TM00710	106.5	2.85	1.39	1.13	4.14	0.51	49.5	0.23	39.5	11.15	5.37	0.51	0.2	38	11.4	1.41
VAC027	710636	8065399	0	1	1	TM00711	44.4	1.39	0.88	0.38	1.27	0.29	24.3	0.15	12.8	4.05	1.8	0.22	0.15	668	5.9	1.04
VAC027	710636	8065399	1	2	1	TM00712	15.9	0.69	0.51	0.16	0.54	0.16	9	0.11	5.3	1.66	0.79	0.1	0.09	436	3	0.64
VAC027	710636	8065399	2	3	1	TM00713	30	1.08	0.74	0.26	0.85	0.24	18.4	0.14	9.4	3.07	1.31	0.16	0.12	354	5	0.9
VAC027	710636	8065399	3	4	1	TM00714	24.7	1	0.79	0.2	0.74	0.23	15.7	0.15	7	2.39	1	0.14	0.12	65	5.1	0.92
VAC027	710636	8065399	4	5	1	TM00715	56.4	1.1	0.75	0.33	1.02	0.24	33.2	0.14	13.8	4.92	1.66	0.17	0.12	61	5	0.92
VAC027	710636	8065399	5	6	1	TM00716	42.8	0.92	0.64	0.24	0.79	0.2	24.8	0.13	10.3	3.64	1.26	0.13	0.11	41	4.2	0.83
VAC027	710636	8065399	6	7	1	TM00717	57.7	1.2	0.91	0.28	1	0.28	39.4	0.18	12.6	4.72	1.43	0.17	0.15	27	6.9	1.07
VAC027	710636	8065399	7	8	1	TM00718	67	0.98	0.7	0.25	0.81	0.22	39.6	0.14	13.7	5.37	1.37	0.15	0.12	23	4.5	0.9
VAC027	710636	8065399	8	9	1	TM00719	39.6	1	0.83	0.24	0.8	0.24	25.6	0.16	9.1	3.28	1.16	0.14	0.13	188	6.1	0.98
VAC027	710636	8065399	9	10	1	TM00722	35.5	1.06	0.82	0.24	0.82	0.24	22.3	0.16	9.2	3.08	1.23	0.15	0.14	209	6	0.96
VAC027	710636	8065399	10	11	1	TM00723	104	1.46	0.94	0.42	1.26	0.29	56.8	0.18	23.2	8.52	2.24	0.21	0.16	246	6.8	1.07
VAC027	710636	8065399	11	12	1	TM00724	91.1	1.51	1.07	0.49	1.46	0.33	50.2	0.21	25	8.23	2.6	0.24	0.18	212	8.2	1.27
VAC027	710636	8065399	19	20	1	TM00725	79.7	1.61	1.03	0.56	1.95	0.33	44.9	0.2	21.9	7.04	2.81	0.27	0.16	29	7.6	1.22
VAC027	710636	8065399	20	21	1	TM00726	25.2	1.2	0.86	0.26	0.92	0.26	13.6	0.18	8.2	2.52	1.22	0.17	0.14	65	5.6	1.06
VAC027	710636	8065399	21	22	1	TM00727	118.5	3.48	1.28	1.77	5.82	0.53	43.2	0.18	50.3	14.4	8.58	0.75	0.17	87	10	1.14
VAC027	710636	8065399	22	23	1	TM00728	500	24.5	4.41	26.4	74.3	2.64	161	0.25	691	148.5	134	7.14	0.41	22	37.4	1.91
VAC028	710611	8065196	0	1	1	TM00729	16.35	1.03	0.69	0.27	0.96	0.21	9.2	0.12	7	1.97	1.26	0.16	0.11	1060	3.8	0.75
VAC028	710611	8065196	1	2	1	TM00730	19.9	0.94	0.63	0.24	0.77	0.21	11.8	0.12	7.1	2.14	1.15	0.14	0.1	903	3.3	0.75
VAC028	710611	8065196	2	3	1	TM00731	40.6	1.62	0.85	0.81	2.51	0.3	16.8	0.15	23	5.49	4.34	0.32	0.13	549	5.3	0.97
VAC028	710611	8065196	3	4	1	TM00732	22.7	1.17	0.92	0.25	0.87	0.27	13.5	0.17	7.6	2.38	1.16	0.17	0.15	79	5.5	1.09
VAC028	710611	8065196	6	7	1	TM00733	49.6	1.21	0.83	0.32	1.07	0.26	31.7	0.16	13	4.3	1.72	0.18	0.14	132	5.8	0.98
VAC028	710611	8065196	7	8	1	TM00734	82.2	1.48	0.99	0.48	1.47	0.32	52.7	0.2	19.3	6.88	2.41	0.23	0.17	114	7.7	1.24
VAC028	710611	8065196	8	9	1	TM00735	76.8	1.2	0.87	0.33	1.1	0.34	50.8	0.17	15.6	5.95	1.84	0.18	0.14	388	6.8	1.01
VAC028	710611	8065196	9	10	1	TM00736	81.2	1	0.69	0.34	1.06	0.21	44	0.14	18.5	6.94	1.91	0.17	0.11	321	4.9	0.83
VAC028	710611	8065196	10	11	1	TM00737	54.8	2	1.46	0.37	1.44	0.46	30	0.26	13.8	4.77	1.83	0.28	0.24	327	11.1	1.64
VAC028	710611	8065196	11	12	1	TM00738	58.8	1.46	1.09	0.35	1.21	0.33	35	0.21	15.4	5.29	1.82	0.22	0.18	107	8.5	1.32
VAC028	710611	8065196	12	13	1	TM00739	109	1.35	0.9	0.48	1.35	0.29	54.9	0.17	28.9	10.15	2.85	0.23	0.15	258	6.3	1.06
VAC028	710611	8065196	13	14	1	TM00742	57.6	1.32	0.97	0.37	1.15	0.29	31.6	0.19	15.6	5.26	1.9	0.2	0.16	296	6.8	1.16
VAC028	710611	8065196	14	15	1	TM00743	35	1.23	0.93	0.28	0.99	0.27	19	0.19	10.7	3.33	1.47	0.17	0.15	390	6.3	1.11
VAC028	710611	8065196	15	16	1	TM00744	60.1	1.72	1.15	0.52	1.75	0.36	30.4	0.23	21.2	6.13	2.73	0.26	0.19	123	9.3	1.32
VAC028	710611	8065196	16	17	1	TM00745	25.1	1.01	0.78	0.28	0.87	0.23	12.6	0.15	9.1	2.66	1.32	0.15	0.12	428	4.8	0.88
VAC028	710611	8065196	17	18	1	TM00746	107.5	1.98	1	1.2	3.93	0.38	52.1	0.18	44.5	11.45	6.22	0.43	0.15	312	11.1	1.05
VAC028	710611	8065196	18	19	1	TM00747	52.3	1.44	0.9	0.56	1.97	0.3	24.2	0.17	20.5	5.46	2.85	0.25	0.15	154	6.2	1.05
VAC028	710611	8065196	19	20	1	TM00748	41.5	1.7	1.11	0.65	2.27	0.35	20.9	0.21	16.1	4.46	2.88	0.31	0.18	82	8.4	1.27
VAC028	710611	8065196	20	21	1	TM00749	54.8	1.67	1.08	0.51	1.66	0.35	27.2	0.21	18	5.45	2.48	0.26	0.18	70	8.2	1.24
VAC028	710611	8065196	21	22	1	TM00750	500	14.25	3.09	13.75	38.5	1.65	151.5	0.23	382	85.5	70.4	3.9	0.33	98	26.2	1.74
VAC028	710611	8065196	22	23	1	TM00751	148	10.4	2.41	7.93	27.5	1.31	40.7	0.2	144.5	27.6	34.5	2.88	0.25	96	21.9	1.38
VAC029	710466	8065207	0	1	1	TM00752	20.2	1.02	0.69	0.25	0.91	0.23	10.8	0.13	7.2	2.22	1					

HOLE_ID	X	Y	DEPTH_FROM	DEPTH_TO	INTERVAL_LENGTH	SAMPLEID	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	V_ppm	Y_ppm	Yb_ppm
VAC029	710466	8065207	8	9	1	TM00757	75.8	1.35	1.01	0.38	1.18	0.3	44.4	0.19	17.5	6.64	1.91	0.21	0.2	32	7.6	1.18
VAC029	710466	8065207	9	10	1	TM00758	68.6	1.34	0.93	0.4	1.27	0.29	37.4	0.18	17.9	6.56	2.04	0.21	0.15	928	7.6	1.14
VAC029	710466	8065207	10	11	1	TM00759	42.3	1.31	0.96	0.34	1.14	0.3	24.4	0.19	11.8	3.98	1.63	0.2	0.16	1060	7.8	1.16
VAC029	710466	8065207	11	12	1	TM00762	113	1.65	1.04	0.68	2.13	0.34	48.6	0.2	34.2	11.35	3.48	0.29	0.17	303	7.8	1.19
VAC029	710466	8065207	12	13	1	TM00763	73.2	1.57	1.02	0.59	1.88	0.33	33.9	0.19	25.8	8	3.02	0.27	0.16	220	8.4	1.2
VAC029	710466	8065207	13	14	1	TM00764	91.1	1.85	1.01	0.84	2.71	0.38	44.7	0.19	37.5	10	4.57	0.35	0.15	343	8.3	1.11
VAC029	710466	8065207	14	15	1	TM00765	79.1	1.86	1.13	0.72	2.37	0.39	41.1	0.2	28.1	8.26	3.79	0.34	0.18	240	9.5	1.26
VAC029	710466	8065207	15	16	1	TM00766	111.5	3.03	1.44	1.44	5.05	0.53	53.6	0.23	48.9	13	7.19	0.59	0.2	133	11.2	1.4
VAC029	710466	8065207	16	17	1	TM00767	66.2	2.04	1.17	0.73	2.69	0.4	31.8	0.2	22.9	6.95	3.44	0.37	0.18	43	9.8	1.27
VAC029	710466	8065207	17	18	1	TM00768	500	24.4	4.6	23.6	63.7	2.7	229	0.29	607	144	112.5	6.96	0.43	23	39.3	2.1
VAC029	710466	8065207	18	19	1	TM00769	177.5	9.58	2.2	6.89	25.2	1.17	54.7	0.19	124	26.8	27.6	2.61	0.24	142	21.5	1.34
VAC029	710466	8065207	19	20	1	TM00770	131.5	17.45	3.8	13.1	43.6	2.11	42.2	0.28	151.5	23.5	48.5	4.7	0.39	62	33.9	1.98
VAC029	710466	8065207	20	21	1	TM00771	48.9	5.66	1.49	3.67	12.8	0.75	20.6	0.15	42.6	7.34	13.6	1.42	0.18	48	14	1.03
VAC029	710466	8065207	21	22	1	TM00772	57.7	4.96	1.43	2.74	11.65	0.69	26.5	0.15	30.2	7.34	9.19	1.25	0.17	95	14.2	1.01
VAC030	710318	8065199	0	1	1	TM00773	58.4	2.01	1.35	0.52	1.88	0.43	32.6	0.25	17.5	5.96	2.52	0.31	0.22	324	11	1.59
VAC030	710318	8065199	1	2	1	TM00774	86.5	1.75	1.2	0.58	1.83	0.38	48.9	0.24	22.9	8.18	2.84	0.29	0.2	75	9	1.47
VAC030	710318	8065199	2	3	1	TM00775	134	1.82	1.09	0.85	2.6	0.37	70.1	0.21	37.5	13	4.29	0.34	0.18	50	8.1	1.27
VAC030	710318	8065199	10	11	1	TM00776	72.7	1.64	1.01	0.61	2	0.33	35	0.2	22.3	7.51	2.93	0.3	0.16	108	7.8	1.16
VAC030	710318	8065199	11	12	1	TM00777	74.2	1.6	1	0.57	1.86	0.33	36	0.18	21.3	7.35	2.68	0.28	0.16	32	7.1	1.18
VAC030	710318	8065199	12	13	1	TM00778	111.5	2.63	1.32	1.11	3.96	0.48	48.1	0.21	41.3	12.35	5.34	0.51	0.19	41	10.4	1.32
VAC030	710318	8065199	13	14	1	TM00779	374	7.18	2.02	4.6	14.4	0.96	122.5	0.22	148.5	44.2	22.3	1.75	0.23	29	18.1	1.42
VAC030	710318	8065199	14	15	1	TM00782	500	22.6	3.81	26.7	75.1	2.32	96.8	0.23	529	106.5	117	7.23	0.36	15	32.7	1.62
VAC030	710318	8065199	15	16	1	TM00783	106	5.8	1.73	3.89	13.5	0.79	40.5	0.21	67.9	15.15	15.6	1.5	0.23	88	15.3	1.42
VAC030	710318	8065199	16	17	1	TM00784	98.4	13.15	2.8	9.26	36.1	1.52	38.4	0.22	97.2	15.65	32.9	3.67	0.29	38	25.2	1.59
VAC030	710318	8065199	17	18	1	TM00785	57.7	11.25	2.39	6.69	27.5	1.34	21.7	0.16	50	8.57	21.8	3.05	0.24	16	23	1.2
VAC030	710318	8065199	18	19	1	TM00786	54.4	7.52	1.84	4.06	17.2	0.95	23.7	0.15	31.6	6.93	12.15	1.97	0.2	16	17.5	1.06
VAC031	710020	8065202	0	1	1	TM00787	59.9	2	1.25	0.67	2.42	0.4	31.6	0.2	19.4	6.16	3.01	0.36	0.19	231	10.2	1.31
VAC031	710020	8065202	1	2	1	TM00788	75.9	1.43	0.99	0.42	1.41	0.32	43.4	0.21	18	6.77	2.07	0.23	0.16	71	7.7	1.15
VAC031	710020	8065202	2	3	1	TM00789	87.5	1.61	1.07	0.57	1.89	0.33	49.2	0.19	22.9	8.02	2.6	0.27	0.17	174	8.4	1.2
VAC031	710020	8065202	3	4	1	TM00790	37.6	1.46	0.82	0.53	1.88	0.27	19.6	0.14	13	3.82	2.22	0.26	0.13	1345	6.2	0.89
VAC031	710020	8065202	4	5	1	TM00791	92.7	1.69	0.99	0.66	2.33	0.33	47.1	0.18	26.5	8.96	3.13	0.31	0.16	1345	8.2	1.07
VAC031	710020	8065202	5	6	1	TM00792	35.9	1.19	0.83	0.35	1.16	0.26	20	0.16	10.9	3.46	1.56	0.19	0.13	1120	6.7	0.97
VAC031	710020	8065202	6	7	1	TM00793	74.4	1.51	0.93	0.54	1.86	0.3	37.3	0.18	22.8	7.45	2.61	0.26	0.15	246	7.3	1.04
VAC031	710020	8065202	7	8	1	TM00794	84.5	2.12	1.17	0.8	3	0.4	42.8	0.19	24.1	8.05	3.38	0.4	0.18	59	9.3	1.22
VAC031	710020	8065202	8	9	1	TM00795	114	2.14	1.23	0.76	2.59	0.41	55.1	0.21	29.5	10.95	3.65	0.39	0.19	104	9.6	1.29
VAC031	710020	8065202	9	10	1	TM00796	490	15.5	2.38	21.8	59.3	1.5	122	0.16	449	96	98.8	5.44	0.23	62	20.8	1.05
VAC031	710020	8065202	10	11	1	TM00797	124.5	8.78	1.31	9.37	29.7	0.83	44.5	0.11	154	23.6	42	2.82	0.14	39	12.3	0.69
VAC031	710020	8065202	11	12	1	TM00798	67.8	3.93	1.41	2.53	8.38	0.56	30.9	0.21	42.6	8.7	10.45	0.97	0.2	107	11.6	1.33
VAC032	710621	8065104	0	1	1	TM00799	46.5	1.53	0.97	0.57	1.85	0.3	26.5	0.17	16.4	5.17	2.63	0.26	0.16	581	6.6	1.1
VAC032	710621	8065104	1	2	1	TM00803	46.2	1.54	1.07	0.41	1.39	0.32	28.1	0.2	13.5	4.65	2.02	0.24	0.17	599	7	1.24
VAC032	710621	8065104	2	3	1	TM00804	26.9	1.18	0.88	0.29	1.01	0.26	15.6	0.17	8.4	2.75	1.25	0.17	0.14	223	5.6	1.04
VAC032	710621	8065104	3	4	1	TM00805	27.7	1.17	0.9	0.27	0.94	0.27	17	0.18	8.2	2.77	1.18	0.17	0.15	83	6	1.07
VAC032	710621	8065104	4	5	1	TM00806	38.9	1.22	0.88	0.35	1.17	0.26	23.5	0.17	10.8	3.67	1.53	0.2	0.15	92	5.8	1.02
VAC032	710621	8065104	5	6	1	TM00807	107.5	1.64	1.08	0.62	1.97	0.34	63.2	0.2	25.3	9.41	2.92	0.3	0.17	151	8.1	1.26
VAC032	710621	8065104	6	7	1	TM00808	107.5	1.52	1.03	0.49	1.65	0.32	66	0.2	22.6	9.14	2.46	0.26	0.16	171	8.2	1.18
VAC032	710621	8065104	7	8	1	TM00809	84.9	1.29	0.86	0.41	1.37	0.26	51.5	0.16	18.1	7.08	1.97	0.22	0.14	454	6.6	0.98
VAC032	710621	8065104	8	9	1	TM00810	102	1.39	0.98	0.43	1.33	0.3	59.1	0.18	20.4	8.6	2.07	0.22	0.16	332	7.2	1.17
VAC032	710621	8065104	9	10	1	TM00811	182	1.5	0.96	0.57	1.63	0.3	80	0.18	38.5	15.95	3.18	0.26	0.15	221	7.2	1.07
VAC032	710621	8065104	10	11	1	TM00812	69.2	1.52	1.16	0.4	1.31	0.35	39.6	0.23	15.7	6.18	1.87	0.23	0.19	220	9.2	1.35
VAC032	710621	8065104	11	12	1	TM00813	57.3	1.47	1.35	0.36	1.24	0.34	33.2	0.23	13.3	5.04	1.67	0.22	0.18	227	8.9	1.35
VAC032	710621	8065104	12	13	1	TM00814	114.5	1.56	1.07	0.53	1.63	0.33	56.2	0.2	29.5	10.85	2.8	0.26	0.17	154	8.2	1.21
VAC032	710621	8065104	13	14	1	TM00815	102	1.68	1.15	0.56	1.74	0.36	50.9	0.21	26.8	9.49	2.78	0.28	0.19	200	8.8	1.32
VAC032	710621	8065104	14	15	1	TM00816	111	1.74	1.15	0.55	1.74	0.36	53	0.21	27.7	10.4	2.73	0.3	0.19	274	9.9	1.36
VAC032	710621	8065104	15	16	1	TM00817	37.8	1.25	0.94	0.34	1.11	0.28	16.6	0.18	13.5	4.12	1.66	0.19	0.15	191	5.9	1.08
VAC032	710621	8065104	16	17	1	TM00818	82.3	2	1.17	0.92	2.95	0.38	37.3	0.2	35.1	9.42	4.56	0.36	0.18	272	9	1.28
VAC032	710621	8065104	17	18	1	TM00819	33	1.62	1.15	0.47	1.66	0.36	16.4	0.22	13.9	3.77	2.12	0.26	0.19	105	7.9	1.36
VAC032	710621	8065104	18	19	1	TM00822	80.5	2.08	1.19	1.1	3.41	0.4	33.6	0.21	35.3	9.62	5.44	0.4	0.18	64	8.4	1.28
VAC032	710621	8065104	19	20	1	TM00823	43.8	1.58	0.95	0.61	2.13	0.32	20.6	0.18	18	4.88	2.92	0.27	0.15	95	6.7	1.11
VAC032	710621	8065104	20	21	1	TM00824	20.5	1.04	0.75	0.28	1	0.24	9.7	0								

HOLE_ID	X	Y	DEPTH_FROM	DEPTH_TO	INTERVAL_LENGTH	SAMPLEID	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	V_ppm	Y_ppm	Yb_ppm
VAC033	710302	8065100	1	2	1	TM00829	81.8	1.83	1.12	0.76	2.29	0.38	44.9	0.22	27.1	8.2	3.87	0.33	0.2	82	8.8	1.37
VAC033	710302	8065100	2	3	1	TM00830	52.5	1.51	0.97	0.49	1.58	0.33	28.5	0.19	17.1	5.22	2.42	0.25	0.18	46	7.6	1.24
VAC033	710302	8065100	8	9	1	TM00831	93.6	1.72	1.03	0.62	2.16	0.34	44.7	0.19	27.3	9.13	3.15	0.3	0.16	35	7.5	1.15
VAC033	710302	8065100	9	10	1	TM00832	67.2	1.53	1.02	0.46	1.57	0.31	31.1	0.18	19.4	6.69	2.35	0.24	0.16	41	6.8	1.18
VAC033	710302	8065100	10	11	1	TM00833	71.4	1.51	0.96	0.47	1.45	0.31	33.8	0.18	19.8	7	2.38	0.24	0.17	42	6.8	1.12
VAC033	710302	8065100	11	12	1	TM00834	122.5	1.72	0.93	0.75	2.19	0.32	50	0.16	36.3	12.5	4.24	0.32	0.15	39	6.7	1.04
VAC033	710302	8065100	12	13	1	TM00835	500	24.9	4.35	29.6	83.9	2.63	203	0.25	697	151	140.5	7.77	0.41	18	34.7	1.89
VAC033	710302	8065100	13	14	1	TM00836	144.5	7.01	1.89	4.53	15.9	0.93	53	0.19	100.5	21.6	20.8	1.83	0.23	33	15.8	1.41
VAC033	710302	8065100	14	15	1	TM00837	100.5	10.45	2.64	7.37	24.4	1.28	38.1	0.24	103.5	16.9	30.2	2.68	0.3	42	20	1.65
VAC033	710302	8065100	15	16	1	TM00838	111.5	14.95	3.13	10.2	37.4	1.76	42.2	0.21	98	16.55	36.9	3.95	0.32	19	24.5	1.62
VAC033	710302	8065100	16	17	1	TM00839	61.1	4.31	1.16	2.38	10.1	0.56	28.6	0.11	28.3	6.99	7.9	1.11	0.14	16	9.5	0.8
VAC033	710302	8065100	17	18	1	TM00842	26.8	1.55	0.56	0.67	2.89	0.23	13.4	0.07	12.6	3.14	2.66	0.34	0.07	12	4.8	0.46
VAC034	710000	8065105	0	1	1	TM00843	85.6	1.96	1.23	0.69	2.33	0.39	43.5	0.2	28.8	9.06	3.28	0.33	0.19	70	9.2	1.32
VAC034	710000	8065105	1	2	1	TM00844	62.2	1.65	1.05	0.55	1.98	0.35	33.9	0.19	22.1	6.57	2.54	0.28	0.17	55	7.6	1.18
VAC034	710000	8065105	2	3	1	TM00845	60.8	1.71	1.01	0.55	2.16	0.33	34.9	0.19	19.8	6.15	2.65	0.29	0.17	49	8	1.14
VAC034	710000	8065105	3	4	1	TM00846	55.1	1.53	0.97	0.47	1.74	0.32	31	0.18	17.4	5.64	2.2	0.25	0.17	47	7.1	1.12
VAC034	710000	8065105	4	5	1	TM00847	93.6	1.72	1.03	0.67	2.28	0.35	48.8	0.19	30	9.32	3.4	0.29	0.17	40	7.7	1.21
VAC034	710000	8065105	5	6	1	TM00848	50.2	1.33	0.89	0.4	1.45	0.29	28.1	0.16	16.6	5.11	2.03	0.22	0.15	369	6.7	1.04
VAC034	710000	8065105	6	7	1	TM00849	40.2	1.3	0.9	0.33	1.18	0.28	23.9	0.17	11.5	3.87	1.58	0.2	0.15	311	6.6	1.09
VAC034	710000	8065105	7	8	1	TM00850	75.8	1.48	0.94	0.44	1.48	0.3	37.6	0.17	20.2	7.37	2.46	0.25	0.15	239	6.7	1.05
VAC034	710000	8065105	8	9	1	TM00851	440	19.6	3.51	20.1	54.3	2.13	265	0.21	664	165.5	106.5	5.47	0.34	177	30.1	1.52
VAC034	710000	8065105	9	10	1	TM00852	315	28	3.1	40.2	120.5	2.34	81.6	0.15	507	71.5	166	10.1	0.26	15	26.6	1.03
VAC035	710188	8065695	0	1	1	TM00853	34.9	1.53	0.91	0.57	2.04	0.29	18.6	0.16	12.5	3.47	2.6	0.28	0.15	735	5.6	1.04
VAC035	710188	8065695	1	2	1	TM00854	40.2	1.36	0.89	0.45	1.44	0.28	21.4	0.15	14.4	4.33	2.17	0.23	0.15	969	5.9	0.98
VAC035	710188	8065695	2	3	1	TM00855	66.7	1.64	1.07	0.57	1.81	0.35	42.3	0.2	17.8	6.19	2.61	0.27	0.17	210	7.9	1.22
VAC035	710188	8065695	3	4	1	TM00856	77.9	1.56	1.02	0.49	1.57	0.32	46.7	0.19	21.2	7.3	2.54	0.25	0.17	43	7.5	1.17
VAC035	710188	8065695	4	5	1	TM00857	65	1.54	1.07	0.45	1.5	0.32	36.8	0.2	18.9	6.33	2.34	0.24	0.17	44	7.2	1.27
VAC035	710188	8065695	5	6	1	TM00858	78.2	1.65	1.05	0.57	1.78	0.34	45.5	0.19	22.2	7.47	2.92	0.27	0.18	37	7.3	1.24
VAC035	710188	8065695	6	7	1	TM00859	76.8	1.65	1.11	0.49	1.63	0.36	41	0.21	22.9	7.69	2.71	0.25	0.19	35	7.4	1.33
VAC035	710188	8065695	7	8	1	TM00862	74.2	1.5	1.09	0.43	1.39	0.32	41.4	0.19	20.2	7.06	2.23	0.23	0.17	35	7.7	1.23
VAC035	710188	8065695	8	9	1	TM00863	122.5	1.56	1.05	0.55	1.66	0.34	63.3	0.19	33.2	11.45	3.16	0.25	0.17	41	8.3	1.25
VAC035	710188	8065695	9	10	1	TM00864	73.5	1.69	1.14	0.51	1.77	0.35	42.1	0.2	21.3	7.07	2.52	0.27	0.18	114	7.9	1.26
VAC035	710188	8065695	10	11	1	TM00865	67.9	1.57	1	0.55	1.99	0.33	35.8	0.18	20.6	6.41	2.55	0.27	0.16	57	7	1.16
VAC035	710188	8065695	11	12	1	TM00866	33.9	1.3	0.93	0.36	1.22	0.28	17.2	0.15	11.7	3.61	1.75	0.2	0.16	429	5.8	1.03
VAC035	710188	8065695	12	13	1	TM00867	70.3	1.58	0.98	0.54	1.88	0.33	35.8	0.18	24.6	7.32	2.7	0.27	0.15	343	7.9	1.15
VAC035	710188	8065695	13	14	1	TM00868	58	1.56	0.93	0.53	1.84	0.29	29.9	0.16	20.6	5.87	2.54	0.27	0.15	601	6.9	1.01
VAC035	710188	8065695	14	15	1	TM00869	25.9	1.52	1.14	0.35	1.34	0.36	15.2	0.21	9.6	2.8	1.57	0.23	0.19	177	9.1	1.37
VAC035	710188	8065695	15	16	1	TM00870	28	1.47	1.1	0.33	1.26	0.33	14	0.21	9.9	2.99	1.5	0.21	0.18	129	7.7	1.27
VAC035	710188	8065695	16	17	1	TM00871	448	25.2	4.53	20.1	61.8	2.78	215	0.26	527	127.5	96.1	6.81	0.42	83	39.8	1.95
VAC035	710188	8065695	17	18	1	TM00872	299	22.1	3.36	23	71.6	2.22	72.9	0.16	354	58.1	94.6	6.79	0.28	20	27.2	1.28
VAC036	709900	8065700	0	1	1	TM00873	40.4	1.38	0.97	0.35	1.29	0.3	17.6	0.18	11.7	3.49	1.72	0.21	0.15	501	5.5	1.09
VAC036	709900	8065700	1	2	1	TM00874	102.5	1.82	1.03	0.8	2.41	0.35	52.2	0.18	30.8	10.05	3.9	0.34	0.15	113	7.6	1.17
VAC036	709900	8065700	2	3	1	TM00875	57.7	1.89	1.14	0.71	2.37	0.37	30.3	0.19	19.6	5.67	3.28	0.34	0.18	286	7.9	1.26
VAC036	709900	8065700	3	4	1	TM00876	89.7	1.54	1.06	0.49	1.48	0.34	43.6	0.21	24.8	8.83	2.56	0.24	0.17	49	7.7	1.2
VAC036	709900	8065700	4	5	1	TM00877	61.5	1.34	0.95	0.38	1.23	0.29	34.3	0.18	16.9	5.87	1.87	0.2	0.16	43	7.1	1.15
VAC036	709900	8065700	5	6	1	TM00878	98.1	1.36	0.95	0.49	1.4	0.29	48.1	0.18	29.4	9.73	2.85	0.22	0.16	45	6.8	1.07
VAC036	709900	8065700	6	7	1	TM00879	120.5	1.66	1.1	0.62	1.79	0.34	58.4	0.19	36.5	12.2	3.51	0.26	0.18	36	8.2	1.24
VAC036	709900	8065700	7	8	1	TM00882	57.8	1.23	0.94	0.33	1.17	0.29	30.8	0.18	16.5	5.5	1.78	0.19	0.15	36	6.3	1.17
VAC036	709900	8065700	8	9	1	TM00883	98.8	1.43	0.96	0.53	1.67	0.29	49.1	0.18	28.6	9.49	2.85	0.25	0.15	48	7	1.07
VAC036	709900	8065700	9	10	1	TM00884	82.4	1.26	0.78	0.5	1.39	0.27	42.1	0.14	22.3	7.52	2.49	0.21	0.13	828	5.6	0.9
VAC036	709900	8065700	10	11	1	TM00885	94.9	1.44	0.8	0.62	2.14	0.29	42.9	0.14	29.9	9.36	3.2	0.26	0.13	1325	5.7	0.91
VAC036	709900	8065700	11	12	1	TM00886	81.7	1.62	1.04	0.56	1.84	0.34	40.8	0.2	24.2	8.03	2.8	0.27	0.17	61	8	1.2
VAC036	709900	8065700	12	13	1	TM00887	476	14.4	3.31	11.2	32.3	1.8	226	0.28	395	106.5	56.4	3.51	0.37	35	30.8	1.99
VAC036	709900	8065700	13	14	1	TM00888	496	28.8	4.82	34.6	89	3.09	126	0.26	786	153	168	8.44	0.43	15	37.9	2
VAC036	709900	8065700	14	15	1	TM00889	64.2	2.71	1.35	1.52	4.28	0.5	28.6	0.23	41.3	8.85	7.55	0.53	0.2	105	10.6	1.44
VAC036	709900	8065700	15	16	1	TM00890	160.5	24.2	3.32	20.8	78.5	2.24	60.3	0.22	169.5	25.2	69.2	7.88	0.3	46	29.2	1.59
VAC036	709900	8065700	16	17	1	TM00891	78.1	19.55	2.78	7.01	39.7	2.01	30.1	0.15	48.2	10.45	18.35	5.35	0.24	19	28.8	1.1
VAC036	709900	8065700	17	18	1	TM00892	60.9	6.66	1.4	2.17	11.95	0.82	29.6	0.09	26.4	6.95	6.14	1.66	0.14	15	13.5	0.71
VAC037	709600	8065700	0	1	1	TM00893	46.8	2.75	1.05	1.05	4.67	0.43	24.5	0.16								

HOLE_ID	X	Y	DEPTH_FROM	DEPTH_TO	INTERVAL_LENGTH	SAMPLEID	Ce_ppm	Dy_ppm	Er_ppm	Eu_ppm	Gd_ppm	Ho_ppm	La_ppm	Lu_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Tb_ppm	Tm_ppm	V_ppm	Y_ppm	Yb_ppm
VAC037	709600	8065700	5	6	1	TM00898	49.5	1.45	0.91	0.42	1.52	0.3	29.3	0.18	14.5	4.6	1.89	0.23	0.15	459	6.7	1.08
VAC037	709600	8065700	6	7	1	TM00899	164	2.63	1.13	1.16	4.62	0.45	81.5	0.18	48.4	15.2	5.39	0.53	0.16	1105	9.4	1.12
VAC037	709600	8065700	7	8	1	TM00903	33.1	1.34	1.01	0.31	1.16	0.3	19	0.19	10.1	3.25	1.5	0.19	0.17	209	7	1.19
VAC037	709600	8065700	8	9	1	TM00904	34.9	1.37	1	0.32	1.19	0.3	17.4	0.19	10.9	3.5	1.58	0.21	0.17	48	6.5	1.21
VAC037	709600	8065700	9	10	1	TM00905	60.9	1.75	1.13	0.47	1.66	0.37	30	0.21	17.5	6.02	2.3	0.28	0.2	189	8.6	1.33
VAC037	709600	8065700	10	11	1	TM00906	364	6.23	1.86	3.54	11.9	0.9	116	0.19	130.5	39.6	18.15	1.44	0.22	72	18.1	1.28
VAC037	709600	8065700	11	12	1	TM00907	444	27.4	3.94	34.3	100.5	2.59	156.5	0.22	712	149.5	160	9.26	0.36	17	33.3	1.59
VAC037	709600	8065700	12	13	1	TM00908	87.7	4.65	1.59	3.37	11.95	0.65	35.5	0.27	49.5	11.5	12.75	1.27	0.24	101	12.5	1.59
VAC037	709600	8065700	14	15	1	TM00909	152.5	34.2	4.75	18.9	97.8	3.2	59.1	0.25	112	20.9	51.8	11.05	0.44	36	45.1	2
VAC037	709600	8065700	15	16	1	TM00910	105.5	11.95	2.16	5.69	27.6	1.26	38.3	0.2	64.5	14.4	18.05	3.49	0.25	33	19.4	1.38
VAC037	709600	8065700	16	17	1	TM00911	53	8.16	1.66	2.58	14.75	0.9	23.3	0.17	25.1	6.26	7.27	2.06	0.2	24	14.1	1.22
VAC038	709750	8066000	0	1	1	TM00912	47.4	3.78	1.35	1.14	5.66	0.54	24	0.2	18.5	5.15	4.11	0.83	0.2	533	9.4	1.33
VAC038	709750	8066000	1	2	1	TM00913	80.4	2.42	1.17	0.89	3.69	0.41	44.7	0.19	25.4	7.92	3.87	0.52	0.18	378	8.7	1.23
VAC038	709750	8066000	2	3	1	TM00914	131	2.59	1.25	0.87	3.57	0.44	66.5	0.22	37	12.9	4.17	0.53	0.19	48	9.8	1.38
VAC038	709750	8066000	3	4	1	TM00915	87.1	2.61	1.19	0.95	3.95	0.43	42.3	0.2	30.9	9.34	4.25	0.56	0.19	76	9.5	1.29
VAC038	709750	8066000	4	5	1	TM00916	124.5	2.83	1.3	1.19	4.4	0.46	57.4	0.21	42	13.4	5.43	0.61	0.21	50	9.7	1.38
VAC038	709750	8066000	5	6	1	TM00917	65.1	2.21	1.14	0.73	3.34	0.38	33.3	0.19	20	6.4	3.06	0.46	0.18	58	8.7	1.23
VAC038	709750	8066000	6	7	1	TM00918	106	3.45	1.24	1.37	6.4	0.5	49.1	0.19	34.8	10.7	5.54	0.83	0.18	71	9.9	1.28
VAC038	709750	8066000	7	8	1	TM00919	69.1	1.47	0.88	0.49	1.7	0.28	30.9	0.17	20.5	7.07	2.47	0.25	0.15	68	5.9	1.06
VAC038	709750	8066000	8	9	1	TM00922	63.3	1.43	0.96	0.43	1.41	0.3	30.1	0.19	19.4	6.5	2.29	0.24	0.16	47	6.6	1.18
VAC038	709750	8066000	9	10	1	TM00923	46.6	1.25	0.84	0.34	1.19	0.27	23.5	0.16	13.4	4.59	1.75	0.2	0.14	33	5.6	1.01
VAC038	709750	8066000	10	11	1	TM00924	472	30.4	4.9	45.6	107.5	3.15	276	0.3	1000	254	243	9.59	0.46	15	42.1	2.19
VAC038	709750	8066000	11	12	1	TM00925	103.5	5.96	1.49	6.34	19.05	0.72	40.6	0.19	82.1	14.95	26.6	1.73	0.19	25	12	1.22
VAC038	709750	8066000	12	13	1	TM00926	51	3.03	1.18	1.49	5.68	0.47	24.8	0.18	20.6	5.42	5.37	0.7	0.18	40	9.2	1.25
VAC038	709750	8066000	13	14	1	TM00927	163.5	39.3	3.73	15.65	90.5	3.3	64.1	0.19	93.2	20.1	40.7	11.55	0.29	31	40.6	1.29
VAC039	710050	8066000	0	1	1	TM00928	42.9	2.16	0.91	0.65	2.94	0.36	26.8	0.14	14.2	4.32	2.65	0.43	0.14	779	6.8	0.96
VAC039	710050	8066000	1	2	1	TM00929	49.1	1.59	0.88	0.41	1.73	0.31	32.3	0.15	12.6	4.38	1.84	0.29	0.13	428	6.6	0.97
VAC039	710050	8066000	2	3	1	TM00930	121	2.11	0.93	0.69	2.96	0.34	77.1	0.16	22.7	9.35	2.8	0.46	0.15	29	7.2	1.02
VAC039	710050	8066000	3	4	1	TM00931	93.8	1.55	0.91	0.46	1.66	0.31	54.5	0.18	20.7	8.01	2.32	0.26	0.16	55	7	1.08
VAC039	710050	8066000	4	5	1	TM00932	60.9	1.33	0.94	0.35	1.25	0.29	37.7	0.18	14.7	5.36	1.8	0.21	0.15	285	7.1	1.15
VAC039	710050	8066000	5	6	1	TM00933	60.6	1.55	1.01	0.38	1.43	0.32	35	0.2	16.1	5.51	1.91	0.25	0.19	111	7.9	1.19
VAC039	710050	8066000	6	7	1	TM00934	38.4	1.36	0.89	0.33	1.26	0.28	23.5	0.17	11.2	3.68	1.61	0.21	0.15	306	7.3	1.09
VAC039	710050	8066000	7	8	1	TM00935	95.5	1.53	0.94	0.58	1.77	0.3	47.7	0.17	29.5	9.4	3.11	0.27	0.16	323	7.1	1.07
VAC039	710050	8066000	8	9	1	TM00936	141	1.63	1.08	0.64	1.95	0.35	67.7	0.2	39.5	13.65	3.69	0.29	0.18	122	8.1	1.27
VAC039	710050	8066000	9	10	1	TM00937	203	1.5	0.84	1.06	2.56	0.28	72	0.16	76.8	24	6.77	0.3	0.15	36	5.4	1.03
VAC039	710050	8066000	10	11	1	TM00938	74.4	1.44	0.98	0.48	1.44	0.32	35.1	0.2	26.4	8.16	2.89	0.23	0.17	108	7.5	1.24
VAC039	710050	8066000	11	12	1	TM00939	58	1.48	1.05	0.5	1.52	0.33	23.2	0.2	23.9	6.92	2.73	0.24	0.18	133	7.2	1.31
VAC039	710050	8066000	12	13	1	TM00942	66	1.44	0.76	0.68	2.38	0.27	27.6	0.13	26.3	7.25	3.38	0.28	0.12	39	4.9	0.83
VAC039	710050	8066000	13	14	1	TM00943	69.1	1.75	1.03	0.67	2.27	0.35	26.9	0.19	28.3	7.98	3.33	0.31	0.17	75	7	1.22
VAC039	710050	8066000	14	15	1	TM00944	44	1.6	1.11	0.45	1.55	0.33	21.4	0.2	16	4.76	2.19	0.26	0.18	326	8.2	1.31
VAC039	710050	8066000	15	16	1	TM00945	29.8	1.42	1.03	0.34	1.26	0.31	13.3	0.2	11.7	3.45	1.65	0.22	0.18	90	6	1.23
VAC039	710050	8066000	16	17	1	TM00946	420	28.8	5.53	25.4	72.2	3.23	209	0.36	724	168	128	7.8	0.54	23	48.9	2.73
VAC039	710050	8066000	17	18	1	TM00947	138	11.8	2.26	11.75	36.5	1.32	39.5	0.2	173	27	52.2	3.45	0.25	84	18.7	1.33
VAC039	710050	8066000	18	19	1	TM00948	62.3	12.85	1.91	8.27	34.4	1.19	23	0.2	55.4	9.17	26.9	3.93	0.22	58	15.2	1.32
VAC039	710050	8066000	19	20	1	TM00950	99.7	25.2	3.07	13.3	70.7	2.31	36.8	0.19	74.5	13.95	34.4	8.06	0.29	35	32.2	1.41
VAC039	710050	8066000	20	21	1	TM00951	29.2	3.63	0.8	1.11	6.4	0.45	14	0.07	13.7	3.48	3.38	0.9	0.08	13	7.8	0.47