

APPENDIX V

Laboratory Test Results - Geochemistry



CERTIFICATE OF ANALYSIS

Work Order : **EB2600195**
Client : **KCB AUSTRALIA PTY LTD**
Contact : **MICHAEL O'KEEFE**
Address : **LEVEL 3 150 MARY STREET**
BRISBANE 4000
Telephone : **07 3518 0977**
Project : **01D09135A95 - OTML Lowlands FS: Ok Birim ESIA Soil**
Sampling
Order number : **----**
C-O-C number : **----**
Sampler : **Samuel Miller**
Site : **Ok-Birim, Western Province, Papua New Guinea**
Quote number : **EB25KCBAUS0012 V3**
No. of samples received : **72**
No. of samples analysed : **72**

Page : 1 of 59
Laboratory : Environmental Division Brisbane
Contact : Customer Services EB
Address : 2 Byth Street Stafford QLD Australia 4053
Telephone : +61-7-3552-8685
Date Samples Received : 06-Jan-2026 07:55
Date Analysis Commenced : 28-Jan-2026
Issue Date : 06-Feb-2026 15:12



Accreditation No. 825
Accredited for compliance with
ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	Position	Accreditation Category
Ankit Joshi	Senior Chemist - Inorganics	Sydney Inorganics, Smithfield, NSW
Beatriz Llarinas	Senior Chemist	Brisbane Inorganics, Stafford, QLD
Beatriz Llarinas	Senior Chemist	Brisbane Soil Preparation, Stafford, QLD
Ben Felgendrejeris	Senior Acid Sulfate Soil Chemist	Brisbane Acid Sulphate Soils, Stafford, QLD
Ben Felgendrejeris	Senior Acid Sulfate Soil Chemist	Brisbane Soil Preparation, Stafford, QLD
Layla Hafner	Acid Sulphate Soils - Chemist	Brisbane Acid Sulphate Soils, Stafford, QLD



General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contract for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting
ø = ALS is not NATA accredited for these tests.
~ = Indicates an estimated value.

- ALS is not NATA accredited for the analysis of Exchangeable Aluminium and Exchange Acidity in soils when performed under ALS Method ED005.
- ALS is not NATA accredited for the analysis of Exchangeable Cations on Alkaline Soils when performed under ALS Method ED006.
- ASS: EA033 (CRS Suite): Analysis is performed as per the Acid Sulfate Soils Laboratory Methods Guidelines (2004) and the updated National Acid Sulfate Soils Guidance: National acid sulfate soils identification and laboratory methods manual, Department of Agriculture and Water Resources, Canberra, ACT (2018)
- EK061G (Total Kjeldahl Nitrogen as N)/EK067G (Total Phosphorous as P): Sample EB2600195-051 has poor spike recovery due to sample heterogeneity. Confirmed by visual inspection.
- ASS: EA033 (CRS Suite): ANC not required because pH KCl less than 6.5
- ED007 (Exchangeable Cations): Unable to calculate Calcium/Magnesium Ratio results for some samples as required Calcium & Magnesium results are less than the limit of reporting.
- ED007 (Exchangeable Cations): Unable to calculate Magnesium/Potassium Ratio result as required Exchangeable Potassium results are less than the limit of reporting.
- ASS: EA037 (Rapid Field and F(ox) screening): pH F(ox) Reaction Rate: 1 - Slight; 2 - Moderate; 3 - Strong; 4 - Extreme
- ASS: EA033 (CRS Suite): Liming rate is calculated and reported on a dry weight basis assuming use of fine agricultural lime (CaCO₃) and using a safety factor of 1.5 to allow for non-homogeneous mixing and poor reactivity of lime. For conversion of Liming Rate from 'kg/t dry weight' to 'kg/m³ in-situ soil', multiply 'reported results' x 'wet bulk density of soil in t/m³'.
- EA037 ASS Field Screening: NATA accreditation does not cover performance of this service.
- ED007 and ED008: When Exchangeable Al is reported from these methods, it should be noted that Rayment & Lyons (2011) suggests Exchange Acidity by 1M KCl - Method 15G1 (ED005) is a more suitable method for the determination of exchange acidity (H⁺ + Al³⁺).



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

				KCB25-TP7001_0.2-0.3	KCB25-TP7001_0.4-0.5	KCB25-TP7001_0.2-0.3	KCB25-TP7001_0.4-0.5	KCB25-TP7001_0.2-0.4
Sampling date / time				11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-001	EB2600195-002	EB2600195-003	EB2600195-004	EB2600195-005
				Result	Result	Result	Result	Result
EA002: pH 1:5 (Soils)								
pH Value	----	0.1	pH Unit	----	----	5.0	5.1	----
EA010: Conductivity (1:5)								
Electrical Conductivity @ 25°C	----	1	µS/cm	----	----	19	8	----
EA033-A: Actual Acidity								
pH KCl (23A)	----	0.1	pH Unit	4.8	5.0	----	----	----
Titrateable Actual Acidity (23F)	----	2	mole H+ / t	46	30	----	----	----
sulfidic - Titrateable Actual Acidity (s-23F)	----	0.02	% pyrite S	0.07	0.05	----	----	----
EA033-B: Potential Acidity								
Chromium Reducible Sulfur (22B)	----	0.005	% S	0.010	0.014	----	----	----
acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	<10	<10	----	----	----
EA033-E: Acid Base Accounting								
ANC Fineness Factor	----	0.5	-	1.5	1.5	----	----	----
Net Acidity (sulfur units)	----	0.02	% S	0.08	0.06	----	----	----
Net Acidity (acidity units)	----	10	mole H+ / t	53	39	----	----	----
Liming Rate	----	1	kg CaCO3/t	4	3	----	----	----
Net Acidity excluding ANC (sulfur units)	----	0.02	% S	0.08	0.06	----	----	----
Net Acidity excluding ANC (acidity units)	----	10	mole H+ / t	53	39	----	----	----
Liming Rate excluding ANC	----	1	kg CaCO3/t	4	3	----	----	----
EA037: Ass Field Screening Analysis								
ø pH (F)	----	0.1	pH Unit	5.0	5.2	----	----	----
ø pH (Fox)	----	0.1	pH Unit	3.6	4.0	----	----	----
ø Reaction Rate	----	1	-	2	2	----	----	----
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	----	----	36.2	20.0	----
EA150: Particle Sizing								
+75µm	----	1	%	----	----	----	----	55
+150µm	----	1	%	----	----	----	----	40



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7001_0.2-0. 3	KCB25-TP7001_0.4-0. 5	KCB25-TP7001_0.2-0. 3	KCB25-TP7001_0.4-0. 5	KCB25-TP7001_0.2-0. 4
Sampling date / time					11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-001	EB2600195-002	EB2600195-003	EB2600195-004	EB2600195-005	
				Result	Result	Result	Result	Result	
EA150: Particle Sizing - Continued									
+300µm	----	1	%	----	----	----	----	30	
+425µm	----	1	%	----	----	----	----	28	
+600µm	----	1	%	----	----	----	----	27	
+1180µm	----	1	%	----	----	----	----	24	
+2.36mm	----	1	%	----	----	----	----	17	
+4.75mm	----	1	%	----	----	----	----	3	
+9.5mm	----	1	%	----	----	----	----	<1	
+19.0mm	----	1	%	----	----	----	----	<1	
+37.5mm	----	1	%	----	----	----	----	<1	
+75.0mm	----	1	%	----	----	----	----	<1	
EA150: Soil Classification based on Particle Size									
Clay (<2 µm)	----	1	%	----	----	----	----	23	
Silt (2-60 µm)	----	1	%	----	----	----	----	19	
Sand (0.06-2.00 mm)	----	1	%	----	----	----	----	39	
Gravel (>2mm)	----	1	%	----	----	----	----	19	
Cobbles (>6cm)	----	1	%	----	----	----	----	<1	
ED005: Exchange Acidity									
ø Exchange Acidity	----	0.1	meq/100g	----	----	3.6	4.0	----	
ø Exchangeable Aluminium	----	0.1	meq/100g	----	----	1.6	2.3	----	
ED007: Exchangeable Cations									
Exchangeable Calcium	----	0.1	meq/100g	----	----	1.0	0.7	----	
Exchangeable Magnesium	----	0.1	meq/100g	----	----	0.3	<0.1	----	
Exchangeable Potassium	----	0.1	meq/100g	----	----	0.1	<0.1	----	
Exchangeable Sodium	----	0.1	meq/100g	----	----	<0.1	<0.1	----	
Cation Exchange Capacity	----	0.1	meq/100g	----	----	5.0	4.7	----	
Exchangeable Sodium Percent	----	0.1	%	----	----	1.3	1.7	----	
Calcium/Magnesium Ratio	----	0.1	-	----	----	3.3	----	----	

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7001_0.2-0. 3	KCB25-TP7001_0.4-0. 5	KCB25-TP7001_0.2-0. 3	KCB25-TP7001_0.4-0. 5	KCB25-TP7001_0.2-0. 4
Sampling date / time				11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-001	EB2600195-002	EB2600195-003	EB2600195-004	EB2600195-005	
				Result	Result	Result	Result	Result	
ED007: Exchangeable Cations - Continued									
Magnesium/Potassium Ratio	----	0.1	-	----	----	2.4	----	----	
ED021: Bicarbonate Extractable Potassium (Colwell)									
Bicarbonate Extractable K (Colwell)	----	100	mg/kg	----	----	<100	<100	----	
EG005(ED093)T: Total Metals by ICP-AES									
Arsenic	7440-38-2	5	mg/kg	----	----	<5	<5	----	
Cadmium	7440-43-9	1	mg/kg	----	----	<1	<1	----	
Chromium	7440-47-3	2	mg/kg	----	----	9	8	----	
Copper	7440-50-8	5	mg/kg	----	----	<5	<5	----	
Lead	7439-92-1	5	mg/kg	----	----	5	5	----	
Nickel	7440-02-0	2	mg/kg	----	----	3	3	----	
Zinc	7440-66-6	5	mg/kg	----	----	14	13	----	
EG035T: Total Recoverable Mercury by FIMS									
Mercury	7439-97-6	0.1	mg/kg	----	----	0.1	0.1	----	
EK055: Ammonia as N									
Ammonia as N	7664-41-7	20	mg/kg	----	----	70	<20	----	
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg	----	----	<0.1	<0.1	----	
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N (Sol.)	14797-55-8	0.1	mg/kg	----	----	0.1	<0.1	----	
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg	----	----	0.1	<0.1	----	
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	20	mg/kg	----	----	1220	850	----	
EK062: Total Nitrogen as N (TKN + NOx)									
^ Total Nitrogen as N	----	20	mg/kg	----	----	1220	850	----	
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	2	mg/kg	----	----	225	194	----	
EP004: Organic Matter									



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7001_0.2-0.3	KCB25-TP7001_0.4-0.5	KCB25-TP7001_0.2-0.3	KCB25-TP7001_0.4-0.5	KCB25-TP7001_0.2-0.4
					3	5	3	5	4
Sampling date / time					11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-001	EB2600195-002	EB2600195-003	EB2600195-004	EB2600195-005	
				Result	Result	Result	Result	Result	
EP004: Organic Matter - Continued									
Organic Matter	----	0.5	%	----	----	1.9	1.8	----	
Total Organic Carbon	----	0.5	%	----	----	1.1	1.1	----	



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

				KCB25-TP7001_0.4-0. 6	KCB25-TP7002_0.3-0. 4	KCB25-TP7002_0.6-0. 7	KCB25-TP7002_0.3-0. 4	KCB25-TP7002_0.6-0. 7
Sampling date / time				11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-006	EB2600195-007	EB2600195-008	EB2600195-009	EB2600195-010
				Result	Result	Result	Result	Result
EA002: pH 1:5 (Soils)								
pH Value	----	0.1	pH Unit	----	----	----	4.9	4.9
EA010: Conductivity (1:5)								
Electrical Conductivity @ 25°C	----	1	µS/cm	----	----	----	5	5
EA033-A: Actual Acidity								
pH KCl (23A)	----	0.1	pH Unit	----	4.4	4.4	----	----
Titrateable Actual Acidity (23F)	----	2	mole H+ / t	----	83	99	----	----
sulfidic - Titrateable Actual Acidity (s-23F)	----	0.02	% pyrite S	----	0.13	0.16	----	----
EA033-B: Potential Acidity								
Chromium Reducible Sulfur (22B)	----	0.005	% S	----	0.009	0.015	----	----
acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	----	<10	<10	----	----
EA033-D: Retained Acidity								
KCl Extractable Sulfur (23Ce)	----	0.02	% S	----	<0.02	<0.02	----	----
HCl Extractable Sulfur (20Be)	----	0.02	% S	----	<0.02	<0.02	----	----
Net Acid Soluble Sulfur (20Je)	----	0.02	% S	----	<0.02	<0.02	----	----
acidity - Net Acid Soluble Sulfur (a-20J)	----	10	mole H+ / t	----	<10	<10	----	----
sulfidic - Net Acid Soluble Sulfur (s-20J)	----	0.02	% pyrite S	----	<0.02	<0.02	----	----
EA033-E: Acid Base Accounting								
ANC Fineness Factor	----	0.5	-	----	1.5	1.5	----	----
Net Acidity (sulfur units)	----	0.02	% S	----	0.14	0.17	----	----
Net Acidity (acidity units)	----	10	mole H+ / t	----	88	108	----	----
Liming Rate	----	1	kg CaCO3/t	----	7	8	----	----
Net Acidity excluding ANC (sulfur units)	----	0.02	% S	----	0.14	0.17	----	----
Net Acidity excluding ANC (acidity units)	----	10	mole H+ / t	----	88	108	----	----
Liming Rate excluding ANC	----	1	kg CaCO3/t	----	7	8	----	----
EA037: Ass Field Screening Analysis								
ø pH (F)	----	0.1	pH Unit	----	4.7	4.9	----	----
ø pH (Fox)	----	0.1	pH Unit	----	4.1	4.0	----	----



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	KCB25-TP7001_0.4-0. 6	KCB25-TP7002_0.3-0. 4	KCB25-TP7002_0.6-0. 7	KCB25-TP7002_0.3-0. 4	KCB25-TP7002_0.6-0. 7
Sampling date / time				11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-006	EB2600195-007	EB2600195-008	EB2600195-009	EB2600195-010
				Result	Result	Result	Result	Result
EA037: Ass Field Screening Analysis - Continued								
ø Reaction Rate	----	1	-	----	2	2	----	----
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	----	----	----	38.6	42.7
EA150: Particle Sizing								
+75µm	----	1	%	53	----	----	----	----
+150µm	----	1	%	44	----	----	----	----
+300µm	----	1	%	38	----	----	----	----
+425µm	----	1	%	37	----	----	----	----
+600µm	----	1	%	35	----	----	----	----
+1180µm	----	1	%	32	----	----	----	----
+2.36mm	----	1	%	21	----	----	----	----
+4.75mm	----	1	%	4	----	----	----	----
+9.5mm	----	1	%	<1	----	----	----	----
+19.0mm	----	1	%	<1	----	----	----	----
+37.5mm	----	1	%	<1	----	----	----	----
+75.0mm	----	1	%	<1	----	----	----	----
EA150: Soil Classification based on Particle Size								
Clay (<2 µm)	----	1	%	30	----	----	----	----
Silt (2-60 µm)	----	1	%	15	----	----	----	----
Sand (0.06-2.00 mm)	----	1	%	31	----	----	----	----
Gravel (>2mm)	----	1	%	24	----	----	----	----
Cobbles (>6cm)	----	1	%	<1	----	----	----	----
ED005: Exchange Acidity								
ø Exchange Acidity	----	0.1	meq/100g	----	----	----	8.1	9.4
ø Exchangeable Aluminium	----	0.1	meq/100g	----	----	----	4.7	5.7
ED007: Exchangeable Cations								
Exchangeable Calcium	----	0.1	meq/100g	----	----	----	0.2	1.5

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7001_0.4-0.	KCB25-TP7002_0.3-0.	KCB25-TP7002_0.6-0.	KCB25-TP7002_0.3-0.	KCB25-TP7002_0.6-0.
				6	4	7	4	7	
Sampling date / time				11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	
Compound	CAS Number	LOR	Unit	EB2600195-006	EB2600195-007	EB2600195-008	EB2600195-009	EB2600195-010	
				Result	Result	Result	Result	Result	
ED007: Exchangeable Cations - Continued									
Exchangeable Magnesium	----	0.1	meq/100g	----	----	----	<0.1	0.3	
Exchangeable Potassium	----	0.1	meq/100g	----	----	----	<0.1	<0.1	
Exchangeable Sodium	----	0.1	meq/100g	----	----	----	<0.1	<0.1	
Cation Exchange Capacity	----	0.1	meq/100g	----	----	----	8.3	11.2	
Exchangeable Sodium Percent	----	0.1	%	----	----	----	5.0	1.1	
Calcium/Magnesium Ratio	----	0.1	-	----	----	----	----	5.0	
ED021: Bicarbonate Extractable Potassium (Colwell)									
Bicarbonate Extractable K (Colwell)	----	100	mg/kg	----	----	----	106	<100	
EG005(ED093)T: Total Metals by ICP-AES									
Arsenic	7440-38-2	5	mg/kg	----	----	----	<5	<5	
Cadmium	7440-43-9	1	mg/kg	----	----	----	<1	<1	
Chromium	7440-47-3	2	mg/kg	----	----	----	13	14	
Copper	7440-50-8	5	mg/kg	----	----	----	13	23	
Lead	7439-92-1	5	mg/kg	----	----	----	11	19	
Nickel	7440-02-0	2	mg/kg	----	----	----	4	7	
Zinc	7440-66-6	5	mg/kg	----	----	----	20	21	
EG035T: Total Recoverable Mercury by FIMS									
Mercury	7439-97-6	0.1	mg/kg	----	----	----	0.2	0.2	
EK055: Ammonia as N									
Ammonia as N	7664-41-7	20	mg/kg	----	----	----	<20	<20	
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg	----	----	----	<0.1	<0.1	
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N (Sol.)	14797-55-8	0.1	mg/kg	----	----	----	<0.1	<0.1	
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg	----	----	----	<0.1	<0.1	
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	KCB25-TP7001_0.4-0.6	KCB25-TP7002_0.3-0.4	KCB25-TP7002_0.6-0.7	KCB25-TP7002_0.3-0.4	KCB25-TP7002_0.6-0.7
Sampling date / time				11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-006	EB2600195-007	EB2600195-008	EB2600195-009	EB2600195-010
				Result	Result	Result	Result	Result
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser - Continued								
Total Kjeldahl Nitrogen as N	----	20	mg/kg	----	----	----	870	620
EK062: Total Nitrogen as N (TKN + NOx)								
^ Total Nitrogen as N	----	20	mg/kg	----	----	----	870	620
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	2	mg/kg	----	----	----	199	229
EP004: Organic Matter								
Organic Matter	----	0.5	%	----	----	----	1.2	0.6
Total Organic Carbon	----	0.5	%	----	----	----	0.7	<0.5



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

				KCB25-TP7002_0.2-0. 4	KCB25-TP7002_0.4-0. 8	KCB25-TP7003_0.2-0. 3	KCB25-TP7003_0.5-0. 6	KCB25-TP7003_0.2-0. 3
Sampling date / time				11-Oct-2025 00:00	11-Oct-2025 00:00	13-Oct-2025 00:00	13-Oct-2025 00:00	13-Oct-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-011	EB2600195-012	EB2600195-013	EB2600195-014	EB2600195-015
				Result	Result	Result	Result	Result
EA002: pH 1:5 (Soils)								
pH Value	----	0.1	pH Unit	----	----	----	----	5.4
EA010: Conductivity (1:5)								
Electrical Conductivity @ 25°C	----	1	µS/cm	----	----	----	----	26
EA033-A: Actual Acidity								
pH KCl (23A)	----	0.1	pH Unit	----	----	4.6	4.7	----
Titrateable Actual Acidity (23F)	----	2	mole H+ / t	----	----	53	46	----
sulfidic - Titrateable Actual Acidity (s-23F)	----	0.02	% pyrite S	----	----	0.08	0.07	----
EA033-B: Potential Acidity								
Chromium Reducible Sulfur (22B)	----	0.005	% S	----	----	0.012	0.016	----
acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	----	----	<10	10	----
EA033-E: Acid Base Accounting								
ANC Fineness Factor	----	0.5	-	----	----	1.5	1.5	----
Net Acidity (sulfur units)	----	0.02	% S	----	----	0.10	0.09	----
Net Acidity (acidity units)	----	10	mole H+ / t	----	----	60	56	----
Liming Rate	----	1	kg CaCO3/t	----	----	5	4	----
Net Acidity excluding ANC (sulfur units)	----	0.02	% S	----	----	0.10	0.09	----
Net Acidity excluding ANC (acidity units)	----	10	mole H+ / t	----	----	60	56	----
Liming Rate excluding ANC	----	1	kg CaCO3/t	----	----	5	4	----
EA037: Ass Field Screening Analysis								
ø pH (F)	----	0.1	pH Unit	----	----	5.5	5.7	----
ø pH (Fox)	----	0.1	pH Unit	----	----	4.2	4.4	----
ø Reaction Rate	----	1	-	----	----	2	2	----
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	----	----	----	----	35.9
EA150: Particle Sizing								
+75µm	----	1	%	12	5	----	----	----
+150µm	----	1	%	7	2	----	----	----



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7002_0.2-0.	KCB25-TP7002_0.4-0.	KCB25-TP7003_0.2-0.	KCB25-TP7003_0.5-0.	KCB25-TP7003_0.2-0.
				4	8	3	6	3	
Sampling date / time				11-Oct-2025 00:00	11-Oct-2025 00:00	13-Oct-2025 00:00	13-Oct-2025 00:00	13-Oct-2025 00:00	
Compound	CAS Number	LOR	Unit	EB2600195-011	EB2600195-012	EB2600195-013	EB2600195-014	EB2600195-015	
				Result	Result	Result	Result	Result	
EA150: Particle Sizing - Continued									
+300µm	----	1	%	4	1	----	----	----	
+425µm	----	1	%	2	<1	----	----	----	
+600µm	----	1	%	1	<1	----	----	----	
+1180µm	----	1	%	<1	<1	----	----	----	
+2.36mm	----	1	%	<1	<1	----	----	----	
+4.75mm	----	1	%	<1	<1	----	----	----	
+9.5mm	----	1	%	<1	<1	----	----	----	
+19.0mm	----	1	%	<1	<1	----	----	----	
+37.5mm	----	1	%	<1	<1	----	----	----	
+75.0mm	----	1	%	<1	<1	----	----	----	
EA150: Soil Classification based on Particle Size									
Clay (<2 µm)	----	1	%	52	61	----	----	----	
Silt (2-60 µm)	----	1	%	35	33	----	----	----	
Sand (0.06-2.00 mm)	----	1	%	13	6	----	----	----	
Gravel (>2mm)	----	1	%	<1	<1	----	----	----	
Cobbles (>6cm)	----	1	%	<1	<1	----	----	----	
ED005: Exchange Acidity									
ø Exchange Acidity	----	0.1	meq/100g	----	----	----	----	3.8	
ø Exchangeable Aluminium	----	0.1	meq/100g	----	----	----	----	2.0	
ED007: Exchangeable Cations									
Exchangeable Calcium	----	0.1	meq/100g	----	----	----	----	18.7	
Exchangeable Magnesium	----	0.1	meq/100g	----	----	----	----	3.6	
Exchangeable Potassium	----	0.1	meq/100g	----	----	----	----	0.2	
Exchangeable Sodium	----	0.1	meq/100g	----	----	----	----	<0.1	
Cation Exchange Capacity	----	0.1	meq/100g	----	----	----	----	26.3	
Exchangeable Sodium Percent	----	0.1	%	----	----	----	----	0.4	
Calcium/Magnesium Ratio	----	0.1	-	----	----	----	----	5.2	

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7002_0.2-0.	KCB25-TP7002_0.4-0.	KCB25-TP7003_0.2-0.	KCB25-TP7003_0.5-0.	KCB25-TP7003_0.2-0.
					4	8	3	6	3
Sampling date / time				11-Oct-2025 00:00	11-Oct-2025 00:00	13-Oct-2025 00:00	13-Oct-2025 00:00	13-Oct-2025 00:00	
Compound	CAS Number	LOR	Unit	EB2600195-011	EB2600195-012	EB2600195-013	EB2600195-014	EB2600195-015	
				Result	Result	Result	Result	Result	
ED007: Exchangeable Cations - Continued									
Magnesium/Potassium Ratio	----	0.1	-	----	----	----	----	23.0	
ED021: Bicarbonate Extractable Potassium (Colwell)									
Bicarbonate Extractable K (Colwell)	----	100	mg/kg	----	----	----	----	171	
EG005(ED093)T: Total Metals by ICP-AES									
Arsenic	7440-38-2	5	mg/kg	----	----	----	----	<5	
Cadmium	7440-43-9	1	mg/kg	----	----	----	----	<1	
Chromium	7440-47-3	2	mg/kg	----	----	----	----	6	
Copper	7440-50-8	5	mg/kg	----	----	----	----	38	
Lead	7439-92-1	5	mg/kg	----	----	----	----	6	
Nickel	7440-02-0	2	mg/kg	----	----	----	----	6	
Zinc	7440-66-6	5	mg/kg	----	----	----	----	56	
EG035T: Total Recoverable Mercury by FIMS									
Mercury	7439-97-6	0.1	mg/kg	----	----	----	----	<0.1	
EK055: Ammonia as N									
Ammonia as N	7664-41-7	20	mg/kg	----	----	----	----	30	
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg	----	----	----	----	<0.1	
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N (Sol.)	14797-55-8	0.1	mg/kg	----	----	----	----	<0.1	
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg	----	----	----	----	<0.1	
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	20	mg/kg	----	----	----	----	920	
EK062: Total Nitrogen as N (TKN + NOx)									
^ Total Nitrogen as N	----	20	mg/kg	----	----	----	----	920	
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	2	mg/kg	----	----	----	----	593	
EP004: Organic Matter									



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)			Sample ID	KCB25-TP7002_0.2-0. 4	KCB25-TP7002_0.4-0. 8	KCB25-TP7003_0.2-0. 3	KCB25-TP7003_0.5-0. 6	KCB25-TP7003_0.2-0. 3
Sampling date / time				11-Oct-2025 00:00	11-Oct-2025 00:00	13-Oct-2025 00:00	13-Oct-2025 00:00	13-Oct-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-011	EB2600195-012	EB2600195-013	EB2600195-014	EB2600195-015
				Result	Result	Result	Result	Result
EP004: Organic Matter - Continued								
Organic Matter	----	0.5	%	----	----	----	----	1.2
Total Organic Carbon	----	0.5	%	----	----	----	----	0.7



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

				KCB25-TP7003_0.5-0. 6	KCB25-TP7003_0.2-0. 4	KCB25-TP7003_0.6-0. 8	KCB25-TP7004_0.3-0. 4	KCB25-TP7004_0.7-0. 8
Sampling date / time				13-Oct-2025 00:00	13-Oct-2025 00:00	13-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-016	EB2600195-017	EB2600195-018	EB2600195-019	EB2600195-020
				Result	Result	Result	Result	Result
EA002: pH 1:5 (Soils)								
pH Value	----	0.1	pH Unit	5.4	----	----	----	----
EA010: Conductivity (1:5)								
Electrical Conductivity @ 25°C	----	1	µS/cm	30	----	----	----	----
EA033-A: Actual Acidity								
pH KCl (23A)	----	0.1	pH Unit	----	----	----	4.4	4.6
Titrateable Actual Acidity (23F)	----	2	mole H+ / t	----	----	----	145	56
sulfidic - Titrateable Actual Acidity (s-23F)	----	0.02	% pyrite S	----	----	----	0.23	0.09
EA033-B: Potential Acidity								
Chromium Reducible Sulfur (22B)	----	0.005	% S	----	----	----	0.011	0.018
acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	----	----	----	<10	11
EA033-D: Retained Acidity								
KCl Extractable Sulfur (23Ce)	----	0.02	% S	----	----	----	<0.02	----
HCl Extractable Sulfur (20Be)	----	0.02	% S	----	----	----	<0.02	----
Net Acid Soluble Sulfur (20Je)	----	0.02	% S	----	----	----	<0.02	----
acidity - Net Acid Soluble Sulfur (a-20J)	----	10	mole H+ / t	----	----	----	<10	----
sulfidic - Net Acid Soluble Sulfur (s-20J)	----	0.02	% pyrite S	----	----	----	<0.02	----
EA033-E: Acid Base Accounting								
ANC Fineness Factor	----	0.5	-	----	----	----	1.5	1.5
Net Acidity (sulfur units)	----	0.02	% S	----	----	----	0.24	0.11
Net Acidity (acidity units)	----	10	mole H+ / t	----	----	----	152	67
Liming Rate	----	1	kg CaCO3/t	----	----	----	11	5
Net Acidity excluding ANC (sulfur units)	----	0.02	% S	----	----	----	0.24	0.11
Net Acidity excluding ANC (acidity units)	----	10	mole H+ / t	----	----	----	152	67
Liming Rate excluding ANC	----	1	kg CaCO3/t	----	----	----	11	5
EA037: Ass Field Screening Analysis								
ø pH (F)	----	0.1	pH Unit	----	----	----	5.0	5.6
ø pH (Fox)	----	0.1	pH Unit	----	----	----	3.8	4.3



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

				KCB25-TP7003_0.5-0. 6	KCB25-TP7003_0.2-0. 4	KCB25-TP7003_0.6-0. 8	KCB25-TP7004_0.3-0. 4	KCB25-TP7004_0.7-0. 8
Sampling date / time				13-Oct-2025 00:00	13-Oct-2025 00:00	13-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-016	EB2600195-017	EB2600195-018	EB2600195-019	EB2600195-020
				Result	Result	Result	Result	Result
EA037: Ass Field Screening Analysis - Continued								
ø Reaction Rate	----	1	-	----	----	----	2	2
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	38.7	----	----	----	----
EA150: Particle Sizing								
+75µm	----	1	%	----	31	26	----	----
+150µm	----	1	%	----	14	10	----	----
+300µm	----	1	%	----	4	3	----	----
+425µm	----	1	%	----	2	1	----	----
+600µm	----	1	%	----	1	<1	----	----
+1180µm	----	1	%	----	<1	<1	----	----
+2.36mm	----	1	%	----	<1	<1	----	----
+4.75mm	----	1	%	----	<1	<1	----	----
+9.5mm	----	1	%	----	<1	<1	----	----
+19.0mm	----	1	%	----	<1	<1	----	----
+37.5mm	----	1	%	----	<1	<1	----	----
+75.0mm	----	1	%	----	<1	<1	----	----
EA150: Soil Classification based on Particle Size								
Clay (<2 µm)	----	1	%	----	31	30	----	----
Silt (2-60 µm)	----	1	%	----	36	42	----	----
Sand (0.06-2.00 mm)	----	1	%	----	33	28	----	----
Gravel (>2mm)	----	1	%	----	<1	<1	----	----
Cobbles (>6cm)	----	1	%	----	<1	<1	----	----
ED005: Exchange Acidity								
ø Exchange Acidity	----	0.1	meq/100g	3.7	----	----	----	----
ø Exchangeable Aluminium	----	0.1	meq/100g	1.9	----	----	----	----
ED007: Exchangeable Cations								
Exchangeable Calcium	----	0.1	meq/100g	18.0	----	----	----	----



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7003_0.5-0. 6	KCB25-TP7003_0.2-0. 4	KCB25-TP7003_0.6-0. 8	KCB25-TP7004_0.3-0. 4	KCB25-TP7004_0.7-0. 8
Sampling date / time				13-Oct-2025 00:00	13-Oct-2025 00:00	13-Oct-2025 00:00	13-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-016	EB2600195-017	EB2600195-018	EB2600195-019	EB2600195-020	
				Result	Result	Result	Result	Result	
ED007: Exchangeable Cations - Continued									
Exchangeable Magnesium	----	0.1	meq/100g	3.6	----	----	----	----	----
Exchangeable Potassium	----	0.1	meq/100g	0.2	----	----	----	----	----
Exchangeable Sodium	----	0.1	meq/100g	<0.1	----	----	----	----	----
Cation Exchange Capacity	----	0.1	meq/100g	25.5	----	----	----	----	----
Exchangeable Sodium Percent	----	0.1	%	0.4	----	----	----	----	----
Calcium/Magnesium Ratio	----	0.1	-	5.0	----	----	----	----	----
Magnesium/Potassium Ratio	----	0.1	-	18.1	----	----	----	----	----
ED021: Bicarbonate Extractable Potassium (Colwell)									
Bicarbonate Extractable K (Colwell)	----	100	mg/kg	162	----	----	----	----	----
EG005(ED093)T: Total Metals by ICP-AES									
Arsenic	7440-38-2	5	mg/kg	<5	----	----	----	----	----
Cadmium	7440-43-9	1	mg/kg	<1	----	----	----	----	----
Chromium	7440-47-3	2	mg/kg	6	----	----	----	----	----
Copper	7440-50-8	5	mg/kg	37	----	----	----	----	----
Lead	7439-92-1	5	mg/kg	6	----	----	----	----	----
Nickel	7440-02-0	2	mg/kg	6	----	----	----	----	----
Zinc	7440-66-6	5	mg/kg	60	----	----	----	----	----
EG035T: Total Recoverable Mercury by FIMS									
Mercury	7439-97-6	0.1	mg/kg	<0.1	----	----	----	----	----
EK055: Ammonia as N									
Ammonia as N	7664-41-7	20	mg/kg	30	----	----	----	----	----
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg	<0.1	----	----	----	----	----
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N (Sol.)	14797-55-8	0.1	mg/kg	0.3	----	----	----	----	----
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg	0.3	----	----	----	----	----



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7003_0.5-0.6	KCB25-TP7003_0.2-0.4	KCB25-TP7003_0.6-0.8	KCB25-TP7004_0.3-0.4	KCB25-TP7004_0.7-0.8
					6	4	8	4	8
Sampling date / time					13-Oct-2025 00:00	13-Oct-2025 00:00	13-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00
Compound	CAS Number	LOR	Unit		EB2600195-016	EB2600195-017	EB2600195-018	EB2600195-019	EB2600195-020
				Result	Result	Result	Result	Result	
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	20	mg/kg		1440	----	----	----	----
EK062: Total Nitrogen as N (TKN + NOx)									
^ Total Nitrogen as N	----	20	mg/kg		1440	----	----	----	----
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	2	mg/kg		617	----	----	----	----
EP004: Organic Matter									
Organic Matter	----	0.5	%		1.7	----	----	----	----
Total Organic Carbon	----	0.5	%		1.0	----	----	----	----



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

				KCB25-TP7004_0.3-0. 4	KCB25-TP7004_0.7-0. 8	KCB25-TP7004_0.2-0. 5	KCB25-TP7004_0.5-0. 8	KCB25-TP7005_0.1-0. 2
Sampling date / time				11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	18-Aug-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-021	EB2600195-022	EB2600195-023	EB2600195-024	EB2600195-025
				Result	Result	Result	Result	Result
EA002: pH 1:5 (Soils)								
pH Value	----	0.1	pH Unit	5.3	5.6	----	----	----
EA010: Conductivity (1:5)								
Electrical Conductivity @ 25°C	----	1	µS/cm	5	13	----	----	----
EA033-A: Actual Acidity								
pH KCl (23A)	----	0.1	pH Unit	----	----	----	----	4.6
Titrateable Actual Acidity (23F)	----	2	mole H+ / t	----	----	----	----	55
sulfidic - Titrateable Actual Acidity (s-23F)	----	0.02	% pyrite S	----	----	----	----	0.09
EA033-B: Potential Acidity								
Chromium Reducible Sulfur (22B)	----	0.005	% S	----	----	----	----	0.015
acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	----	----	----	----	<10
EA033-E: Acid Base Accounting								
ANC Fineness Factor	----	0.5	-	----	----	----	----	1.5
Net Acidity (sulfur units)	----	0.02	% S	----	----	----	----	0.10
Net Acidity (acidity units)	----	10	mole H+ / t	----	----	----	----	64
Liming Rate	----	1	kg CaCO3/t	----	----	----	----	5
Net Acidity excluding ANC (sulfur units)	----	0.02	% S	----	----	----	----	0.10
Net Acidity excluding ANC (acidity units)	----	10	mole H+ / t	----	----	----	----	64
Liming Rate excluding ANC	----	1	kg CaCO3/t	----	----	----	----	5
EA037: Ass Field Screening Analysis								
ø pH (F)	----	0.1	pH Unit	----	----	----	----	4.7
ø pH (Fox)	----	0.1	pH Unit	----	----	----	----	4.0
ø Reaction Rate	----	1	-	----	----	----	----	2
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	49.4	43.8	----	----	----
EA150: Particle Sizing								
+75µm	----	1	%	----	----	8	13	----
+150µm	----	1	%	----	----	5	8	----



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7004_0.3-0.	KCB25-TP7004_0.7-0.	KCB25-TP7004_0.2-0.	KCB25-TP7004_0.5-0.	KCB25-TP7005_0.1-0.
				4	8	5	8	2	
Sampling date / time				11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	18-Aug-2025 00:00	
Compound	CAS Number	LOR	Unit	EB2600195-021	EB2600195-022	EB2600195-023	EB2600195-024	EB2600195-025	
				Result	Result	Result	Result	Result	
EA150: Particle Sizing - Continued									
+300µm	----	1	%	----	----	3	3	----	
+425µm	----	1	%	----	----	2	1	----	
+600µm	----	1	%	----	----	2	<1	----	
+1180µm	----	1	%	----	----	<1	<1	----	
+2.36mm	----	1	%	----	----	<1	<1	----	
+4.75mm	----	1	%	----	----	<1	<1	----	
+9.5mm	----	1	%	----	----	<1	<1	----	
+19.0mm	----	1	%	----	----	<1	<1	----	
+37.5mm	----	1	%	----	----	<1	<1	----	
+75.0mm	----	1	%	----	----	<1	<1	----	
EA150: Soil Classification based on Particle Size									
Clay (<2 µm)	----	1	%	----	----	47	44	----	
Silt (2-60 µm)	----	1	%	----	----	44	42	----	
Sand (0.06-2.00 mm)	----	1	%	----	----	9	14	----	
Gravel (>2mm)	----	1	%	----	----	<1	<1	----	
Cobbles (>6cm)	----	1	%	----	----	<1	<1	----	
ED005: Exchange Acidity									
ø Exchange Acidity	----	0.1	meq/100g	13.7	3.4	----	----	----	
ø Exchangeable Aluminium	----	0.1	meq/100g	7.9	1.8	----	----	----	
ED007: Exchangeable Cations									
Exchangeable Calcium	----	0.1	meq/100g	7.9	17.7	----	----	----	
Exchangeable Magnesium	----	0.1	meq/100g	1.9	6.4	----	----	----	
Exchangeable Potassium	----	0.1	meq/100g	0.1	0.2	----	----	----	
Exchangeable Sodium	----	0.1	meq/100g	<0.1	<0.1	----	----	----	
Cation Exchange Capacity	----	0.1	meq/100g	23.6	27.7	----	----	----	
Exchangeable Sodium Percent	----	0.1	%	0.7	0.3	----	----	----	
Calcium/Magnesium Ratio	----	0.1	-	4.2	2.8	----	----	----	

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7004_0.3-0.	KCB25-TP7004_0.7-0.	KCB25-TP7004_0.2-0.	KCB25-TP7004_0.5-0.	KCB25-TP7005_0.1-0.
				4	8	5	8	2	
Sampling date / time				11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	18-Aug-2025 00:00	
Compound	CAS Number	LOR	Unit	EB2600195-021	EB2600195-022	EB2600195-023	EB2600195-024	EB2600195-025	
				Result	Result	Result	Result	Result	
ED007: Exchangeable Cations - Continued									
Magnesium/Potassium Ratio	----	0.1	-	14.3	27.8	----	----	----	
ED021: Bicarbonate Extractable Potassium (Colwell)									
Bicarbonate Extractable K (Colwell)	----	100	mg/kg	<100	148	----	----	----	
EG005(ED093)T: Total Metals by ICP-AES									
Arsenic	7440-38-2	5	mg/kg	<5	<5	----	----	----	
Cadmium	7440-43-9	1	mg/kg	<1	<1	----	----	----	
Chromium	7440-47-3	2	mg/kg	6	6	----	----	----	
Copper	7440-50-8	5	mg/kg	44	41	----	----	----	
Lead	7439-92-1	5	mg/kg	11	8	----	----	----	
Nickel	7440-02-0	2	mg/kg	6	5	----	----	----	
Zinc	7440-66-6	5	mg/kg	62	48	----	----	----	
EG035T: Total Recoverable Mercury by FIMS									
Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	----	----	----	
EK055: Ammonia as N									
Ammonia as N	7664-41-7	20	mg/kg	50	<20	----	----	----	
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg	<0.1	<0.1	----	----	----	
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N (Sol.)	14797-55-8	0.1	mg/kg	<0.1	<0.1	----	----	----	
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg	<0.1	<0.1	----	----	----	
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	20	mg/kg	1750	300	----	----	----	
EK062: Total Nitrogen as N (TKN + NOx)									
^ Total Nitrogen as N	----	20	mg/kg	1750	300	----	----	----	
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	2	mg/kg	642	270	----	----	----	
EP004: Organic Matter									



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7004_0.3-0. 4	KCB25-TP7004_0.7-0. 8	KCB25-TP7004_0.2-0. 5	KCB25-TP7004_0.5-0. 8	KCB25-TP7005_0.1-0. 2
Sampling date / time					11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	11-Oct-2025 00:00	18-Aug-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-021	EB2600195-022	EB2600195-023	EB2600195-024	EB2600195-025	
				Result	Result	Result	Result	Result	
EP004: Organic Matter - Continued									
Organic Matter	----	0.5	%	4.4	1.1	----	----	----	
Total Organic Carbon	----	0.5	%	2.5	0.6	----	----	----	



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

				KCB25-TP7005_0.4-0.5	KCB25-TP7005_0.1-0.2	KCB25-TP7005_0.4-0.5	KCB25-TP7005_0.2-0.4	KCB25-TP7005_0.6-0.8
Sampling date / time				18-Aug-2025 00:00	18-Aug-2025 00:00	18-Aug-2025 00:00	18-Aug-2025 00:00	18-Aug-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-026	EB2600195-027	EB2600195-028	EB2600195-029	EB2600195-030
				Result	Result	Result	Result	Result
EA002: pH 1:5 (Soils)								
pH Value	----	0.1	pH Unit	----	5.2	4.7	----	----
EA010: Conductivity (1:5)								
Electrical Conductivity @ 25°C	----	1	µS/cm	----	22	13	----	----
EA033-A: Actual Acidity								
pH KCl (23A)	----	0.1	pH Unit	4.6	----	----	----	----
Titrateable Actual Acidity (23F)	----	2	mole H+ / t	59	----	----	----	----
sulfidic - Titrateable Actual Acidity (s-23F)	----	0.02	% pyrite S	0.09	----	----	----	----
EA033-B: Potential Acidity								
Chromium Reducible Sulfur (22B)	----	0.005	% S	0.019	----	----	----	----
acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	12	----	----	----	----
EA033-E: Acid Base Accounting								
ANC Fineness Factor	----	0.5	-	1.5	----	----	----	----
Net Acidity (sulfur units)	----	0.02	% S	0.11	----	----	----	----
Net Acidity (acidity units)	----	10	mole H+ / t	70	----	----	----	----
Liming Rate	----	1	kg CaCO3/t	5	----	----	----	----
Net Acidity excluding ANC (sulfur units)	----	0.02	% S	0.11	----	----	----	----
Net Acidity excluding ANC (acidity units)	----	10	mole H+ / t	70	----	----	----	----
Liming Rate excluding ANC	----	1	kg CaCO3/t	5	----	----	----	----
EA037: Ass Field Screening Analysis								
ø pH (F)	----	0.1	pH Unit	5.0	----	----	----	----
ø pH (Fox)	----	0.1	pH Unit	4.0	----	----	----	----
ø Reaction Rate	----	1	-	2	----	----	----	----
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	----	35.7	32.6	----	----
EA150: Particle Sizing								
+75µm	----	1	%	----	----	----	24	30
+150µm	----	1	%	----	----	----	14	21

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7005_0.4-0.	KCB25-TP7005_0.1-0.	KCB25-TP7005_0.4-0.	KCB25-TP7005_0.2-0.	KCB25-TP7005_0.6-0.
					5	2	5	4	8
Sampling date / time				18-Aug-2025 00:00	18-Aug-2025 00:00	18-Aug-2025 00:00	18-Aug-2025 00:00	18-Aug-2025 00:00	
Compound	CAS Number	LOR	Unit	EB2600195-026	EB2600195-027	EB2600195-028	EB2600195-029	EB2600195-030	
				Result	Result	Result	Result	Result	
EA150: Particle Sizing - Continued									
+300µm	----	1	%	----	----	----	6	11	
+425µm	----	1	%	----	----	----	3	7	
+600µm	----	1	%	----	----	----	2	5	
+1180µm	----	1	%	----	----	----	1	3	
+2.36mm	----	1	%	----	----	----	<1	1	
+4.75mm	----	1	%	----	----	----	<1	<1	
+9.5mm	----	1	%	----	----	----	<1	<1	
+19.0mm	----	1	%	----	----	----	<1	<1	
+37.5mm	----	1	%	----	----	----	<1	<1	
+75.0mm	----	1	%	----	----	----	<1	<1	
EA150: Soil Classification based on Particle Size									
Clay (<2 µm)	----	1	%	----	----	----	51	50	
Silt (2-60 µm)	----	1	%	----	----	----	24	19	
Sand (0.06-2.00 mm)	----	1	%	----	----	----	24	29	
Gravel (>2mm)	----	1	%	----	----	----	1	2	
Cobbles (>6cm)	----	1	%	----	----	----	<1	<1	
ED005: Exchange Acidity									
ø Exchange Acidity	----	0.1	meq/100g	----	5.1	4.5	----	----	
ø Exchangeable Aluminium	----	0.1	meq/100g	----	2.7	2.4	----	----	
ED007: Exchangeable Cations									
Exchangeable Calcium	----	0.1	meq/100g	----	0.2	0.2	----	----	
Exchangeable Magnesium	----	0.1	meq/100g	----	<0.1	<0.1	----	----	
Exchangeable Potassium	----	0.1	meq/100g	----	<0.1	<0.1	----	----	
Exchangeable Sodium	----	0.1	meq/100g	----	<0.1	<0.1	----	----	
Cation Exchange Capacity	----	0.1	meq/100g	----	5.3	4.7	----	----	
Exchangeable Sodium Percent	----	0.1	%	----	6.9	8.0	----	----	
ED021: Bicarbonate Extractable Potassium (Colwell)									



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

				KCB25-TP7005_0.4-0.5	KCB25-TP7005_0.1-0.2	KCB25-TP7005_0.4-0.5	KCB25-TP7005_0.2-0.4	KCB25-TP7005_0.6-0.8
Sampling date / time				18-Aug-2025 00:00	18-Aug-2025 00:00	18-Aug-2025 00:00	18-Aug-2025 00:00	18-Aug-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-026	EB2600195-027	EB2600195-028	EB2600195-029	EB2600195-030
				Result	Result	Result	Result	Result
ED021: Bicarbonate Extractable Potassium (Colwell) - Continued								
Bicarbonate Extractable K (Colwell)	----	100	mg/kg	----	<100	<100	----	----
EG005(ED093)T: Total Metals by ICP-AES								
Arsenic	7440-38-2	5	mg/kg	----	<5	<5	----	----
Cadmium	7440-43-9	1	mg/kg	----	<1	<1	----	----
Chromium	7440-47-3	2	mg/kg	----	2	2	----	----
Copper	7440-50-8	5	mg/kg	----	6	7	----	----
Lead	7439-92-1	5	mg/kg	----	6	7	----	----
Nickel	7440-02-0	2	mg/kg	----	<2	<2	----	----
Zinc	7440-66-6	5	mg/kg	----	18	18	----	----
EG035T: Total Recoverable Mercury by FIMS								
Mercury	7439-97-6	0.1	mg/kg	----	0.2	0.1	----	----
EK055: Ammonia as N								
Ammonia as N	7664-41-7	20	mg/kg	----	<20	<20	----	----
EK057G: Nitrite as N by Discrete Analyser								
Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg	----	<0.1	<0.1	----	----
EK058G: Nitrate as N by Discrete Analyser								
Nitrate as N (Sol.)	14797-55-8	0.1	mg/kg	----	0.2	1.2	----	----
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser								
Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg	----	0.2	1.2	----	----
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser								
Total Kjeldahl Nitrogen as N	----	20	mg/kg	----	610	830	----	----
EK062: Total Nitrogen as N (TKN + NOx)								
^ Total Nitrogen as N	----	20	mg/kg	----	610	830	----	----
EK067G: Total Phosphorus as P by Discrete Analyser								
Total Phosphorus as P	----	2	mg/kg	----	400	417	----	----
EP004: Organic Matter								
Organic Matter	----	0.5	%	----	2.7	1.7	----	----



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7005_0.4-0. 5	KCB25-TP7005_0.1-0. 2	KCB25-TP7005_0.4-0. 5	KCB25-TP7005_0.2-0. 4	KCB25-TP7005_0.6-0. 8
Sampling date / time					18-Aug-2025 00:00	18-Aug-2025 00:00	18-Aug-2025 00:00	18-Aug-2025 00:00	18-Aug-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-026	EB2600195-027	EB2600195-028	EB2600195-029	EB2600195-030	
				Result	Result	Result	Result	Result	
EP004: Organic Matter - Continued									
Total Organic Carbon	----	0.5	%	----	1.6	1.0	----	----	



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

				KCB25-TP7006_0.2-0. 3	KCB25-TP7006_0.5-0. 6	KCB25-TP7006_0.2-0. 3	KCB25-TP7006_0.5-0. 6	KCB25-TP7006_0.2-0. 4
Sampling date / time				19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-031	EB2600195-032	EB2600195-033	EB2600195-034	EB2600195-035
				Result	Result	Result	Result	Result
EA002: pH 1:5 (Soils)								
pH Value	----	0.1	pH Unit	----	----	4.9	4.8	----
EA010: Conductivity (1:5)								
Electrical Conductivity @ 25°C	----	1	µS/cm	----	----	13	11	----
EA033-A: Actual Acidity								
pH KCl (23A)	----	0.1	pH Unit	4.6	4.6	----	----	----
Titrateable Actual Acidity (23F)	----	2	mole H+ / t	58	64	----	----	----
sulfidic - Titrateable Actual Acidity (s-23F)	----	0.02	% pyrite S	0.09	0.10	----	----	----
EA033-B: Potential Acidity								
Chromium Reducible Sulfur (22B)	----	0.005	% S	0.018	0.014	----	----	----
acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	11	<10	----	----	----
EA033-E: Acid Base Accounting								
ANC Fineness Factor	----	0.5	-	1.5	1.5	----	----	----
Net Acidity (sulfur units)	----	0.02	% S	0.11	0.12	----	----	----
Net Acidity (acidity units)	----	10	mole H+ / t	69	73	----	----	----
Liming Rate	----	1	kg CaCO3/t	5	5	----	----	----
Net Acidity excluding ANC (sulfur units)	----	0.02	% S	0.11	0.12	----	----	----
Net Acidity excluding ANC (acidity units)	----	10	mole H+ / t	69	73	----	----	----
Liming Rate excluding ANC	----	1	kg CaCO3/t	5	5	----	----	----
EA037: Ass Field Screening Analysis								
ø pH (F)	----	0.1	pH Unit	4.5	4.4	----	----	----
ø pH (Fox)	----	0.1	pH Unit	3.8	3.8	----	----	----
ø Reaction Rate	----	1	-	2	2	----	----	----
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	----	----	39.0	40.4	----
EA150: Particle Sizing								
+75µm	----	1	%	----	----	----	----	19
+150µm	----	1	%	----	----	----	----	15

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7006_0.2-0.	KCB25-TP7006_0.5-0.	KCB25-TP7006_0.2-0.	KCB25-TP7006_0.5-0.	KCB25-TP7006_0.2-0.
				3	6	3	6	4	
Sampling date / time				19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	
Compound	CAS Number	LOR	Unit	EB2600195-031	EB2600195-032	EB2600195-033	EB2600195-034	EB2600195-035	
				Result	Result	Result	Result	Result	
EA150: Particle Sizing - Continued									
+300µm	----	1	%	----	----	----	----	10	
+425µm	----	1	%	----	----	----	----	8	
+600µm	----	1	%	----	----	----	----	6	
+1180µm	----	1	%	----	----	----	----	4	
+2.36mm	----	1	%	----	----	----	----	2	
+4.75mm	----	1	%	----	----	----	----	<1	
+9.5mm	----	1	%	----	----	----	----	<1	
+19.0mm	----	1	%	----	----	----	----	<1	
+37.5mm	----	1	%	----	----	----	----	<1	
+75.0mm	----	1	%	----	----	----	----	<1	
EA150: Soil Classification based on Particle Size									
Clay (<2 µm)	----	1	%	----	----	----	----	58	
Silt (2-60 µm)	----	1	%	----	----	----	----	22	
Sand (0.06-2.00 mm)	----	1	%	----	----	----	----	18	
Gravel (>2mm)	----	1	%	----	----	----	----	2	
Cobbles (>6cm)	----	1	%	----	----	----	----	<1	
ED005: Exchange Acidity									
ø Exchange Acidity	----	0.1	meq/100g	----	----	3.5	6.0	----	
ø Exchangeable Aluminium	----	0.1	meq/100g	----	----	3.2	1.9	----	
ED007: Exchangeable Cations									
Exchangeable Calcium	----	0.1	meq/100g	----	----	<0.1	<0.1	----	
Exchangeable Magnesium	----	0.1	meq/100g	----	----	<0.1	<0.1	----	
Exchangeable Potassium	----	0.1	meq/100g	----	----	<0.1	<0.1	----	
Exchangeable Sodium	----	0.1	meq/100g	----	----	<0.1	<0.1	----	
Cation Exchange Capacity	----	0.1	meq/100g	----	----	3.5	6.0	----	
Exchangeable Sodium Percent	----	0.1	%	----	----	21.1	16.8	----	
ED021: Bicarbonate Extractable Potassium (Colwell)									



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7006_0.2-0.3	KCB25-TP7006_0.5-0.6	KCB25-TP7006_0.2-0.3	KCB25-TP7006_0.5-0.6	KCB25-TP7006_0.2-0.4
				3	6	3	6	4	
Sampling date / time				19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	
Compound	CAS Number	LOR	Unit	EB2600195-031	EB2600195-032	EB2600195-033	EB2600195-034	EB2600195-035	
				Result	Result	Result	Result	Result	
ED021: Bicarbonate Extractable Potassium (Colwell) - Continued									
Bicarbonate Extractable K (Colwell)	----	100	mg/kg	----	----	<100	<100	----	
EG005(ED093)T: Total Metals by ICP-AES									
Arsenic	7440-38-2	5	mg/kg	----	----	<5	<5	----	
Cadmium	7440-43-9	1	mg/kg	----	----	<1	<1	----	
Chromium	7440-47-3	2	mg/kg	----	----	<2	<2	----	
Copper	7440-50-8	5	mg/kg	----	----	11	15	----	
Lead	7439-92-1	5	mg/kg	----	----	8	8	----	
Nickel	7440-02-0	2	mg/kg	----	----	<2	<2	----	
Zinc	7440-66-6	5	mg/kg	----	----	26	24	----	
EG035T: Total Recoverable Mercury by FIMS									
Mercury	7439-97-6	0.1	mg/kg	----	----	0.2	<0.1	----	
EK055: Ammonia as N									
Ammonia as N	7664-41-7	20	mg/kg	----	----	40	30	----	
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg	----	----	<0.1	<0.1	----	
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N (Sol.)	14797-55-8	0.1	mg/kg	----	----	<0.1	0.2	----	
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg	----	----	<0.1	0.2	----	
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	20	mg/kg	----	----	590	490	----	
EK062: Total Nitrogen as N (TKN + NOx)									
^ Total Nitrogen as N	----	20	mg/kg	----	----	590	490	----	
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	2	mg/kg	----	----	535	477	----	
EP004: Organic Matter									
Organic Matter	----	0.5	%	----	----	2.3	2.2	----	



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7006_0.2-0. 3	KCB25-TP7006_0.5-0. 6	KCB25-TP7006_0.2-0. 3	KCB25-TP7006_0.5-0. 6	KCB25-TP7006_0.2-0. 4
Sampling date / time					19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-031	EB2600195-032	EB2600195-033	EB2600195-034	EB2600195-035	
				Result	Result	Result	Result	Result	
EP004: Organic Matter - Continued									
Total Organic Carbon	----	0.5	%	----	----	1.3	1.3	----	



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

				KCB25-TP7006_0.6-0.8	KCB25-TP7007_0.2-0.3	KCB25-TP7007_0.4-0.5	KCB25-TP7007_0.2-0.3	KCB25-TP7007_0.4-0.5
Sampling date / time				19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-036	EB2600195-037	EB2600195-038	EB2600195-039	EB2600195-040
				Result	Result	Result	Result	Result
EA002: pH 1:5 (Soils)								
pH Value	----	0.1	pH Unit	----	----	----	4.9	5.1
EA010: Conductivity (1:5)								
Electrical Conductivity @ 25°C	----	1	µS/cm	----	----	----	20	11
EA033-A: Actual Acidity								
pH KCl (23A)	----	0.1	pH Unit	----	4.5	4.6	----	----
Titrateable Actual Acidity (23F)	----	2	mole H+ / t	----	80	76	----	----
sulfidic - Titrateable Actual Acidity (s-23F)	----	0.02	% pyrite S	----	0.13	0.12	----	----
EA033-B: Potential Acidity								
Chromium Reducible Sulfur (22B)	----	0.005	% S	----	0.016	0.015	----	----
acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	----	10	<10	----	----
EA033-E: Acid Base Accounting								
ANC Fineness Factor	----	0.5	-	----	1.5	1.5	----	----
Net Acidity (sulfur units)	----	0.02	% S	----	0.14	0.14	----	----
Net Acidity (acidity units)	----	10	mole H+ / t	----	90	85	----	----
Liming Rate	----	1	kg CaCO3/t	----	7	6	----	----
Net Acidity excluding ANC (sulfur units)	----	0.02	% S	----	0.14	0.14	----	----
Net Acidity excluding ANC (acidity units)	----	10	mole H+ / t	----	90	85	----	----
Liming Rate excluding ANC	----	1	kg CaCO3/t	----	7	6	----	----
EA037: Ass Field Screening Analysis								
ø pH (F)	----	0.1	pH Unit	----	4.6	4.7	----	----
ø pH (Fox)	----	0.1	pH Unit	----	3.4	3.4	----	----
ø Reaction Rate	----	1	-	----	2	2	----	----
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	----	----	----	47.4	48.3
EA150: Particle Sizing								
+75µm	----	1	%	16	----	----	----	----
+150µm	----	1	%	11	----	----	----	----



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7006_0.6-0.8	KCB25-TP7007_0.2-0.3	KCB25-TP7007_0.4-0.5	KCB25-TP7007_0.2-0.3	KCB25-TP7007_0.4-0.5
				8	3	5	3	5	
Sampling date / time				19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	
Compound	CAS Number	LOR	Unit	EB2600195-036	EB2600195-037	EB2600195-038	EB2600195-039	EB2600195-040	
				Result	Result	Result	Result	Result	
EA150: Particle Sizing - Continued									
+300µm	----	1	%	8	----	----	----	----	
+425µm	----	1	%	6	----	----	----	----	
+600µm	----	1	%	5	----	----	----	----	
+1180µm	----	1	%	3	----	----	----	----	
+2.36mm	----	1	%	1	----	----	----	----	
+4.75mm	----	1	%	<1	----	----	----	----	
+9.5mm	----	1	%	<1	----	----	----	----	
+19.0mm	----	1	%	<1	----	----	----	----	
+37.5mm	----	1	%	<1	----	----	----	----	
+75.0mm	----	1	%	<1	----	----	----	----	
EA150: Soil Classification based on Particle Size									
Clay (<2 µm)	----	1	%	54	----	----	----	----	
Silt (2-60 µm)	----	1	%	30	----	----	----	----	
Sand (0.06-2.00 mm)	----	1	%	14	----	----	----	----	
Gravel (>2mm)	----	1	%	2	----	----	----	----	
Cobbles (>6cm)	----	1	%	<1	----	----	----	----	
ED005: Exchange Acidity									
ø Exchange Acidity	----	0.1	meq/100g	----	----	----	5.2	3.8	
ø Exchangeable Aluminium	----	0.1	meq/100g	----	----	----	3.4	3.3	
ED007: Exchangeable Cations									
Exchangeable Calcium	----	0.1	meq/100g	----	----	----	0.2	<0.1	
Exchangeable Magnesium	----	0.1	meq/100g	----	----	----	0.1	<0.1	
Exchangeable Potassium	----	0.1	meq/100g	----	----	----	<0.1	<0.1	
Exchangeable Sodium	----	0.1	meq/100g	----	----	----	<0.1	<0.1	
Cation Exchange Capacity	----	0.1	meq/100g	----	----	----	5.5	3.8	
Exchangeable Sodium Percent	----	0.1	%	----	----	----	7.9	21.7	
Calcium/Magnesium Ratio	----	0.1	-	----	----	----	2.0	----	



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7006_0.6-0.8	KCB25-TP7007_0.2-0.3	KCB25-TP7007_0.4-0.5	KCB25-TP7007_0.2-0.3	KCB25-TP7007_0.4-0.5
Sampling date / time				19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-036	EB2600195-037	EB2600195-038	EB2600195-039	EB2600195-040	
				Result	Result	Result	Result	Result	
ED021: Bicarbonate Extractable Potassium (Colwell)									
Bicarbonate Extractable K (Colwell)	----	100	mg/kg	----	----	----	<100	<100	
EG005(ED093)T: Total Metals by ICP-AES									
Arsenic	7440-38-2	5	mg/kg	----	----	----	<5	<5	
Cadmium	7440-43-9	1	mg/kg	----	----	----	<1	<1	
Chromium	7440-47-3	2	mg/kg	----	----	----	3	3	
Copper	7440-50-8	5	mg/kg	----	----	----	13	13	
Lead	7439-92-1	5	mg/kg	----	----	----	6	6	
Nickel	7440-02-0	2	mg/kg	----	----	----	3	2	
Zinc	7440-66-6	5	mg/kg	----	----	----	60	56	
EG035T: Total Recoverable Mercury by FIMS									
Mercury	7439-97-6	0.1	mg/kg	----	----	----	0.1	<0.1	
EK055: Ammonia as N									
Ammonia as N	7664-41-7	20	mg/kg	----	----	----	80	40	
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg	----	----	----	<0.1	<0.1	
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N (Sol.)	14797-55-8	0.1	mg/kg	----	----	----	0.2	0.1	
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg	----	----	----	0.2	0.1	
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	20	mg/kg	----	----	----	1610	1320	
EK062: Total Nitrogen as N (TKN + NOx)									
^ Total Nitrogen as N	----	20	mg/kg	----	----	----	1610	1320	
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	2	mg/kg	----	----	----	652	622	
EP004: Organic Matter									
Organic Matter	----	0.5	%	----	----	----	3.8	2.9	



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7006_0.6-0.8	KCB25-TP7007_0.2-0.3	KCB25-TP7007_0.4-0.5	KCB25-TP7007_0.2-0.3	KCB25-TP7007_0.4-0.5
					8	3	5	3	5
Sampling date / time					19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00	19-Aug-2025 00:00
Compound	CAS Number	LOR	Unit		EB2600195-036	EB2600195-037	EB2600195-038	EB2600195-039	EB2600195-040
					Result	Result	Result	Result	Result
EP004: Organic Matter - Continued									
Total Organic Carbon	----	0.5	%		----	----	----	2.2	1.7



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

				KCB25-TP7007_0.2-0. 4	KCB25-TP7007_0.6-0. 8	KCB25-TP7008_0.3-0. 4	KCB25-TP7008_0.7-0. 8	KCB25-TP7008_0.3-0. 4
Sampling date / time				19-Aug-2025 00:00	19-Aug-2025 00:00	25-Aug-2025 00:00	25-Aug-2025 00:00	25-Aug-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-041	EB2600195-042	EB2600195-043	EB2600195-044	EB2600195-045
				Result	Result	Result	Result	Result
EA002: pH 1:5 (Soils)								
pH Value	----	0.1	pH Unit	----	----	----	----	4.7
EA010: Conductivity (1:5)								
Electrical Conductivity @ 25°C	----	1	µS/cm	----	----	----	----	14
EA033-A: Actual Acidity								
pH KCl (23A)	----	0.1	pH Unit	----	----	4.5	4.6	----
Titrateable Actual Acidity (23F)	----	2	mole H+ / t	----	----	56	49	----
sulfidic - Titrateable Actual Acidity (s-23F)	----	0.02	% pyrite S	----	----	0.09	0.08	----
EA033-B: Potential Acidity								
Chromium Reducible Sulfur (22B)	----	0.005	% S	----	----	0.013	0.017	----
acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	----	----	<10	11	----
EA033-E: Acid Base Accounting								
ANC Fineness Factor	----	0.5	-	----	----	1.5	1.5	----
Net Acidity (sulfur units)	----	0.02	% S	----	----	0.10	0.10	----
Net Acidity (acidity units)	----	10	mole H+ / t	----	----	64	59	----
Liming Rate	----	1	kg CaCO3/t	----	----	5	4	----
Net Acidity excluding ANC (sulfur units)	----	0.02	% S	----	----	0.10	0.10	----
Net Acidity excluding ANC (acidity units)	----	10	mole H+ / t	----	----	64	59	----
Liming Rate excluding ANC	----	1	kg CaCO3/t	----	----	5	4	----
EA037: Ass Field Screening Analysis								
ø pH (F)	----	0.1	pH Unit	----	----	4.5	4.6	----
ø pH (Fox)	----	0.1	pH Unit	----	----	3.7	4.0	----
ø Reaction Rate	----	1	-	----	----	2	2	----
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	----	----	----	----	36.2
EA150: Particle Sizing								
+75µm	----	1	%	33	32	----	----	----
+150µm	----	1	%	25	22	----	----	----

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7007_0.2-0.	KCB25-TP7007_0.6-0.	KCB25-TP7008_0.3-0.	KCB25-TP7008_0.7-0.	KCB25-TP7008_0.3-0.
					4	8	4	8	4
Sampling date / time				19-Aug-2025 00:00	19-Aug-2025 00:00	25-Aug-2025 00:00	25-Aug-2025 00:00	25-Aug-2025 00:00	
Compound	CAS Number	LOR	Unit	EB2600195-041	EB2600195-042	EB2600195-043	EB2600195-044	EB2600195-045	
				Result	Result	Result	Result	Result	
EA150: Particle Sizing - Continued									
+300µm	----	1	%	12	8	----	----	----	
+425µm	----	1	%	8	5	----	----	----	
+600µm	----	1	%	6	3	----	----	----	
+1180µm	----	1	%	2	<1	----	----	----	
+2.36mm	----	1	%	<1	<1	----	----	----	
+4.75mm	----	1	%	<1	<1	----	----	----	
+9.5mm	----	1	%	<1	<1	----	----	----	
+19.0mm	----	1	%	<1	<1	----	----	----	
+37.5mm	----	1	%	<1	<1	----	----	----	
+75.0mm	----	1	%	<1	<1	----	----	----	
EA150: Soil Classification based on Particle Size									
Clay (<2 µm)	----	1	%	32	33	----	----	----	
Silt (2-60 µm)	----	1	%	34	33	----	----	----	
Sand (0.06-2.00 mm)	----	1	%	33	34	----	----	----	
Gravel (>2mm)	----	1	%	1	<1	----	----	----	
Cobbles (>6cm)	----	1	%	<1	<1	----	----	----	
ED005: Exchange Acidity									
ø Exchange Acidity	----	0.1	meq/100g	----	----	----	----	6.2	
ø Exchangeable Aluminium	----	0.1	meq/100g	----	----	----	----	1.9	
ED007: Exchangeable Cations									
Exchangeable Calcium	----	0.1	meq/100g	----	----	----	----	<0.1	
Exchangeable Magnesium	----	0.1	meq/100g	----	----	----	----	<0.1	
Exchangeable Potassium	----	0.1	meq/100g	----	----	----	----	<0.1	
Exchangeable Sodium	----	0.1	meq/100g	----	----	----	----	<0.1	
Cation Exchange Capacity	----	0.1	meq/100g	----	----	----	----	6.2	
Exchangeable Sodium Percent	----	0.1	%	----	----	----	----	14.4	
ED021: Bicarbonate Extractable Potassium (Colwell)									



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7007_0.2-0. 4	KCB25-TP7007_0.6-0. 8	KCB25-TP7008_0.3-0. 4	KCB25-TP7008_0.7-0. 8	KCB25-TP7008_0.3-0. 4
Sampling date / time				19-Aug-2025 00:00	19-Aug-2025 00:00	25-Aug-2025 00:00	25-Aug-2025 00:00	25-Aug-2025 00:00	25-Aug-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-041	EB2600195-042	EB2600195-043	EB2600195-044	EB2600195-045	
				Result	Result	Result	Result	Result	
ED021: Bicarbonate Extractable Potassium (Colwell) - Continued									
Bicarbonate Extractable K (Colwell)	----	100	mg/kg	----	----	----	----	<100	
EG005(ED093)T: Total Metals by ICP-AES									
Arsenic	7440-38-2	5	mg/kg	----	----	----	----	<5	
Cadmium	7440-43-9	1	mg/kg	----	----	----	----	<1	
Chromium	7440-47-3	2	mg/kg	----	----	----	----	4	
Copper	7440-50-8	5	mg/kg	----	----	----	----	18	
Lead	7439-92-1	5	mg/kg	----	----	----	----	11	
Nickel	7440-02-0	2	mg/kg	----	----	----	----	3	
Zinc	7440-66-6	5	mg/kg	----	----	----	----	42	
EG035T: Total Recoverable Mercury by FIMS									
Mercury	7439-97-6	0.1	mg/kg	----	----	----	----	0.1	
EK055: Ammonia as N									
Ammonia as N	7664-41-7	20	mg/kg	----	----	----	----	20	
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg	----	----	----	----	<0.1	
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N (Sol.)	14797-55-8	0.1	mg/kg	----	----	----	----	0.5	
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg	----	----	----	----	0.5	
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	20	mg/kg	----	----	----	----	690	
EK062: Total Nitrogen as N (TKN + NOx)									
^ Total Nitrogen as N	----	20	mg/kg	----	----	----	----	690	
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	2	mg/kg	----	----	----	----	455	
EP004: Organic Matter									
Organic Matter	----	0.5	%	----	----	----	----	1.5	



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7007_0.2-0. 4	KCB25-TP7007_0.6-0. 8	KCB25-TP7008_0.3-0. 4	KCB25-TP7008_0.7-0. 8	KCB25-TP7008_0.3-0. 4
Sampling date / time					19-Aug-2025 00:00	19-Aug-2025 00:00	25-Aug-2025 00:00	25-Aug-2025 00:00	25-Aug-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-041	EB2600195-042	EB2600195-043	EB2600195-044	EB2600195-045	
				Result	Result	Result	Result	Result	
EP004: Organic Matter - Continued									
Total Organic Carbon	----	0.5	%	----	----	----	----	0.9	



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

				KCB25-TP7008_0.7-0. 8	KCB25-TP7008_0.2-0. 4	KCB25-TP7008_0.5-0. 8	KCB25-TP7009_0.2-0. 3	KCB25-TP7009_0.5-0. 6
Sampling date / time				25-Aug-2025 00:00	25-Aug-2025 00:00	25-Aug-2025 00:00	20-Aug-2025 00:00	20-Aug-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-046	EB2600195-047	EB2600195-048	EB2600195-049	EB2600195-050
				Result	Result	Result	Result	Result
EA002: pH 1:5 (Soils)								
pH Value	----	0.1	pH Unit	4.8	----	----	----	----
EA010: Conductivity (1:5)								
Electrical Conductivity @ 25°C	----	1	µS/cm	12	----	----	----	----
EA033-A: Actual Acidity								
pH KCl (23A)	----	0.1	pH Unit	----	----	----	4.5	4.5
Titrateable Actual Acidity (23F)	----	2	mole H+ / t	----	----	----	86	75
sulfidic - Titrateable Actual Acidity (s-23F)	----	0.02	% pyrite S	----	----	----	0.14	0.12
EA033-B: Potential Acidity								
Chromium Reducible Sulfur (22B)	----	0.005	% S	----	----	----	0.011	0.012
acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	----	----	----	<10	<10
EA033-E: Acid Base Accounting								
ANC Fineness Factor	----	0.5	-	----	----	----	1.5	1.5
Net Acidity (sulfur units)	----	0.02	% S	----	----	----	0.15	0.13
Net Acidity (acidity units)	----	10	mole H+ / t	----	----	----	93	83
Liming Rate	----	1	kg CaCO3/t	----	----	----	7	6
Net Acidity excluding ANC (sulfur units)	----	0.02	% S	----	----	----	0.15	0.13
Net Acidity excluding ANC (acidity units)	----	10	mole H+ / t	----	----	----	93	83
Liming Rate excluding ANC	----	1	kg CaCO3/t	----	----	----	7	6
EA037: Ass Field Screening Analysis								
ø pH (F)	----	0.1	pH Unit	----	----	----	4.8	4.5
ø pH (Fox)	----	0.1	pH Unit	----	----	----	3.6	3.6
ø Reaction Rate	----	1	-	----	----	----	2	2
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	37.9	----	----	----	----
EA150: Particle Sizing								
+75µm	----	1	%	----	33	20	----	----
+150µm	----	1	%	----	21	12	----	----

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7008_0.7-0.	KCB25-TP7008_0.2-0.	KCB25-TP7008_0.5-0.	KCB25-TP7009_0.2-0.	KCB25-TP7009_0.5-0.
					8	4	8	3	6
Sampling date / time				25-Aug-2025 00:00	25-Aug-2025 00:00	25-Aug-2025 00:00	20-Aug-2025 00:00	20-Aug-2025 00:00	
Compound	CAS Number	LOR	Unit	EB2600195-046	EB2600195-047	EB2600195-048	EB2600195-049	EB2600195-050	
				Result	Result	Result	Result	Result	
EA150: Particle Sizing - Continued									
+300µm	----	1	%	----	6	5	----	----	
+425µm	----	1	%	----	2	3	----	----	
+600µm	----	1	%	----	1	2	----	----	
+1180µm	----	1	%	----	<1	2	----	----	
+2.36mm	----	1	%	----	<1	<1	----	----	
+4.75mm	----	1	%	----	<1	<1	----	----	
+9.5mm	----	1	%	----	<1	<1	----	----	
+19.0mm	----	1	%	----	<1	<1	----	----	
+37.5mm	----	1	%	----	<1	<1	----	----	
+75.0mm	----	1	%	----	<1	<1	----	----	
EA150: Soil Classification based on Particle Size									
Clay (<2 µm)	----	1	%	----	47	55	----	----	
Silt (2-60 µm)	----	1	%	----	19	24	----	----	
Sand (0.06-2.00 mm)	----	1	%	----	34	20	----	----	
Gravel (>2mm)	----	1	%	----	<1	1	----	----	
Cobbles (>6cm)	----	1	%	----	<1	<1	----	----	
ED005: Exchange Acidity									
ø Exchange Acidity	----	0.1	meq/100g	6.1	----	----	----	----	
ø Exchangeable Aluminium	----	0.1	meq/100g	2.5	----	----	----	----	
ED007: Exchangeable Cations									
Exchangeable Calcium	----	0.1	meq/100g	<0.1	----	----	----	----	
Exchangeable Magnesium	----	0.1	meq/100g	<0.1	----	----	----	----	
Exchangeable Potassium	----	0.1	meq/100g	<0.1	----	----	----	----	
Exchangeable Sodium	----	0.1	meq/100g	<0.1	----	----	----	----	
Cation Exchange Capacity	----	0.1	meq/100g	6.1	----	----	----	----	
Exchangeable Sodium Percent	----	0.1	%	17.6	----	----	----	----	
ED021: Bicarbonate Extractable Potassium (Colwell)									



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7008_0.7-0. 8	KCB25-TP7008_0.2-0. 4	KCB25-TP7008_0.5-0. 8	KCB25-TP7009_0.2-0. 3	KCB25-TP7009_0.5-0. 6
Sampling date / time					25-Aug-2025 00:00	25-Aug-2025 00:00	25-Aug-2025 00:00	20-Aug-2025 00:00	20-Aug-2025 00:00
Compound	CAS Number	LOR	Unit		EB2600195-046	EB2600195-047	EB2600195-048	EB2600195-049	EB2600195-050
					Result	Result	Result	Result	Result
ED021: Bicarbonate Extractable Potassium (Colwell) - Continued									
Bicarbonate Extractable K (Colwell)	----	100	mg/kg		<100	----	----	----	----
EG005(ED093)T: Total Metals by ICP-AES									
Arsenic	7440-38-2	5	mg/kg		<5	----	----	----	----
Cadmium	7440-43-9	1	mg/kg		<1	----	----	----	----
Chromium	7440-47-3	2	mg/kg		4	----	----	----	----
Copper	7440-50-8	5	mg/kg		15	----	----	----	----
Lead	7439-92-1	5	mg/kg		11	----	----	----	----
Nickel	7440-02-0	2	mg/kg		3	----	----	----	----
Zinc	7440-66-6	5	mg/kg		46	----	----	----	----
EG035T: Total Recoverable Mercury by FIMS									
Mercury	7439-97-6	0.1	mg/kg		0.1	----	----	----	----
EK055: Ammonia as N									
Ammonia as N	7664-41-7	20	mg/kg		20	----	----	----	----
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg		<0.1	----	----	----	----
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N (Sol.)	14797-55-8	0.1	mg/kg		0.4	----	----	----	----
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg		0.4	----	----	----	----
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	20	mg/kg		560	----	----	----	----
EK062: Total Nitrogen as N (TKN + NOx)									
^ Total Nitrogen as N	----	20	mg/kg		560	----	----	----	----
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	2	mg/kg		436	----	----	----	----
EP004: Organic Matter									
Organic Matter	----	0.5	%		1.6	----	----	----	----



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7008_0.7-0. 8	KCB25-TP7008_0.2-0. 4	KCB25-TP7008_0.5-0. 8	KCB25-TP7009_0.2-0. 3	KCB25-TP7009_0.5-0. 6
Sampling date / time					25-Aug-2025 00:00	25-Aug-2025 00:00	25-Aug-2025 00:00	20-Aug-2025 00:00	20-Aug-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-046	EB2600195-047	EB2600195-048	EB2600195-049	EB2600195-050	
				Result	Result	Result	Result	Result	
EP004: Organic Matter - Continued									
Total Organic Carbon	----	0.5	%	0.9	----	----	----	----	----



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

				KCB25-TP7009_0.2-0. 3	KCB25-TP7009_0.5-0. 6	KCB25-TP7009_0.2-0. 4	KCB25-TP7009_0.6-0. 8	KCB25-TP7010_0.2-0. 3
Sampling date / time				20-Aug-2025 00:00	20-Aug-2025 00:00	20-Aug-2025 00:00	20-Aug-2025 00:00	28-Aug-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-051	EB2600195-052	EB2600195-053	EB2600195-054	EB2600195-055
				Result	Result	Result	Result	Result
EA002: pH 1:5 (Soils)								
pH Value	----	0.1	pH Unit	4.8	5.0	----	----	----
EA010: Conductivity (1:5)								
Electrical Conductivity @ 25°C	----	1	µS/cm	19	6	----	----	----
EA033-A: Actual Acidity								
pH KCl (23A)	----	0.1	pH Unit	----	----	----	----	4.6
Titrateable Actual Acidity (23F)	----	2	mole H+ / t	----	----	----	----	50
sulfidic - Titrateable Actual Acidity (s-23F)	----	0.02	% pyrite S	----	----	----	----	0.08
EA033-B: Potential Acidity								
Chromium Reducible Sulfur (22B)	----	0.005	% S	----	----	----	----	0.017
acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	----	----	----	----	11
EA033-E: Acid Base Accounting								
ANC Fineness Factor	----	0.5	-	----	----	----	----	1.5
Net Acidity (sulfur units)	----	0.02	% S	----	----	----	----	0.10
Net Acidity (acidity units)	----	10	mole H+ / t	----	----	----	----	61
Liming Rate	----	1	kg CaCO3/t	----	----	----	----	5
Net Acidity excluding ANC (sulfur units)	----	0.02	% S	----	----	----	----	0.10
Net Acidity excluding ANC (acidity units)	----	10	mole H+ / t	----	----	----	----	61
Liming Rate excluding ANC	----	1	kg CaCO3/t	----	----	----	----	5
EA037: Ass Field Screening Analysis								
ø pH (F)	----	0.1	pH Unit	----	----	----	----	4.8
ø pH (Fox)	----	0.1	pH Unit	----	----	----	----	4.0
ø Reaction Rate	----	1	-	----	----	----	----	2
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	43.6	45.1	----	----	----
EA150: Particle Sizing								
+75µm	----	1	%	----	----	22	22	----
+150µm	----	1	%	----	----	10	9	----

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7009_0.2-0.	KCB25-TP7009_0.5-0.	KCB25-TP7009_0.2-0.	KCB25-TP7009_0.6-0.	KCB25-TP7010_0.2-0.
				3	6	4	8	3	
Sampling date / time				20-Aug-2025 00:00	20-Aug-2025 00:00	20-Aug-2025 00:00	20-Aug-2025 00:00	28-Aug-2025 00:00	
Compound	CAS Number	LOR	Unit	EB2600195-051	EB2600195-052	EB2600195-053	EB2600195-054	EB2600195-055	
				Result	Result	Result	Result	Result	
EA150: Particle Sizing - Continued									
+300µm	----	1	%	----	----	3	2	----	
+425µm	----	1	%	----	----	2	<1	----	
+600µm	----	1	%	----	----	1	<1	----	
+1180µm	----	1	%	----	----	<1	<1	----	
+2.36mm	----	1	%	----	----	<1	<1	----	
+4.75mm	----	1	%	----	----	<1	<1	----	
+9.5mm	----	1	%	----	----	<1	<1	----	
+19.0mm	----	1	%	----	----	<1	<1	----	
+37.5mm	----	1	%	----	----	<1	<1	----	
+75.0mm	----	1	%	----	----	<1	<1	----	
EA150: Soil Classification based on Particle Size									
Clay (<2 µm)	----	1	%	----	----	46	50	----	
Silt (2-60 µm)	----	1	%	----	----	29	26	----	
Sand (0.06-2.00 mm)	----	1	%	----	----	25	24	----	
Gravel (>2mm)	----	1	%	----	----	<1	<1	----	
Cobbles (>6cm)	----	1	%	----	----	<1	<1	----	
ED005: Exchange Acidity									
ø Exchange Acidity	----	0.1	meq/100g	6.1	6.3	----	----	----	
ø Exchangeable Aluminium	----	0.1	meq/100g	3.2	3.3	----	----	----	
ED007: Exchangeable Cations									
Exchangeable Calcium	----	0.1	meq/100g	<0.1	<0.1	----	----	----	
Exchangeable Magnesium	----	0.1	meq/100g	<0.1	<0.1	----	----	----	
Exchangeable Potassium	----	0.1	meq/100g	<0.1	<0.1	----	----	----	
Exchangeable Sodium	----	0.1	meq/100g	<0.1	<0.1	----	----	----	
Cation Exchange Capacity	----	0.1	meq/100g	6.1	6.3	----	----	----	
Exchangeable Sodium Percent	----	0.1	%	17.3	23.0	----	----	----	
ED021: Bicarbonate Extractable Potassium (Colwell)									



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7009_0.2-0.3	KCB25-TP7009_0.5-0.6	KCB25-TP7009_0.2-0.4	KCB25-TP7009_0.6-0.8	KCB25-TP7010_0.2-0.3
Sampling date / time				20-Aug-2025 00:00	20-Aug-2025 00:00	20-Aug-2025 00:00	20-Aug-2025 00:00	28-Aug-2025 00:00	
Compound	CAS Number	LOR	Unit	EB2600195-051	EB2600195-052	EB2600195-053	EB2600195-054	EB2600195-055	
				Result	Result	Result	Result	Result	
ED021: Bicarbonate Extractable Potassium (Colwell) - Continued									
Bicarbonate Extractable K (Colwell)	----	100	mg/kg	<100	<100	----	----	----	
EG005(ED093)T: Total Metals by ICP-AES									
Arsenic	7440-38-2	5	mg/kg	<5	<5	----	----	----	
Cadmium	7440-43-9	1	mg/kg	<1	<1	----	----	----	
Chromium	7440-47-3	2	mg/kg	4	5	----	----	----	
Copper	7440-50-8	5	mg/kg	17	22	----	----	----	
Lead	7439-92-1	5	mg/kg	7	9	----	----	----	
Nickel	7440-02-0	2	mg/kg	3	3	----	----	----	
Zinc	7440-66-6	5	mg/kg	41	42	----	----	----	
EG035T: Total Recoverable Mercury by FIMS									
Mercury	7439-97-6	0.1	mg/kg	<0.1	<0.1	----	----	----	
EK055: Ammonia as N									
Ammonia as N	7664-41-7	20	mg/kg	50	30	----	----	----	
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg	<0.1	<0.1	----	----	----	
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N (Sol.)	14797-55-8	0.1	mg/kg	0.1	0.1	----	----	----	
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg	0.1	0.1	----	----	----	
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	20	mg/kg	1080	630	----	----	----	
EK062: Total Nitrogen as N (TKN + NOx)									
^ Total Nitrogen as N	----	20	mg/kg	1080	630	----	----	----	
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	2	mg/kg	489	430	----	----	----	
EP004: Organic Matter									
Organic Matter	----	0.5	%	2.8	1.6	----	----	----	



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7009_0.2-0. 3	KCB25-TP7009_0.5-0. 6	KCB25-TP7009_0.2-0. 4	KCB25-TP7009_0.6-0. 8	KCB25-TP7010_0.2-0. 3
Sampling date / time					20-Aug-2025 00:00	20-Aug-2025 00:00	20-Aug-2025 00:00	20-Aug-2025 00:00	28-Aug-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-051	EB2600195-052	EB2600195-053	EB2600195-054	EB2600195-055	
				Result	Result	Result	Result	Result	
EP004: Organic Matter - Continued									
Total Organic Carbon	----	0.5	%	1.6	0.9	----	----	----	



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

				KCB25-TP7010_0.5-0. 6	KCB25-TP7010_0.2-0. 3	KCB25-TP7010_0.5-0. 6	KCB25-TP7010_0.2-0. 4	KCB25-TP7010_0.5-0. 8
Sampling date / time				28-Aug-2025 00:00	28-Aug-2025 00:00	28-Aug-2025 00:00	28-Aug-2025 00:00	28-Aug-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-056	EB2600195-057	EB2600195-058	EB2600195-059	EB2600195-060
				Result	Result	Result	Result	Result
EA002: pH 1:5 (Soils)								
pH Value	----	0.1	pH Unit	----	4.7	4.7	----	----
EA010: Conductivity (1:5)								
Electrical Conductivity @ 25°C	----	1	µS/cm	----	15	10	----	----
EA033-A: Actual Acidity								
pH KCl (23A)	----	0.1	pH Unit	4.5	----	----	----	----
Titrateable Actual Acidity (23F)	----	2	mole H+ / t	59	----	----	----	----
sulfidic - Titrateable Actual Acidity (s-23F)	----	0.02	% pyrite S	0.10	----	----	----	----
EA033-B: Potential Acidity								
Chromium Reducible Sulfur (22B)	----	0.005	% S	0.011	----	----	----	----
acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	<10	----	----	----	----
EA033-E: Acid Base Accounting								
ANC Fineness Factor	----	0.5	-	1.5	----	----	----	----
Net Acidity (sulfur units)	----	0.02	% S	0.11	----	----	----	----
Net Acidity (acidity units)	----	10	mole H+ / t	66	----	----	----	----
Liming Rate	----	1	kg CaCO3/t	5	----	----	----	----
Net Acidity excluding ANC (sulfur units)	----	0.02	% S	0.11	----	----	----	----
Net Acidity excluding ANC (acidity units)	----	10	mole H+ / t	66	----	----	----	----
Liming Rate excluding ANC	----	1	kg CaCO3/t	5	----	----	----	----
EA037: Ass Field Screening Analysis								
ø pH (F)	----	0.1	pH Unit	4.6	----	----	----	----
ø pH (Fox)	----	0.1	pH Unit	3.9	----	----	----	----
ø Reaction Rate	----	1	-	2	----	----	----	----
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	----	34.0	33.9	----	----
EA150: Particle Sizing								
+75µm	----	1	%	----	----	----	18	22
+150µm	----	1	%	----	----	----	13	12

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7010_0.5-0.	KCB25-TP7010_0.2-0.	KCB25-TP7010_0.5-0.	KCB25-TP7010_0.2-0.	KCB25-TP7010_0.5-0.
					6	3	6	4	8
Sampling date / time				28-Aug-2025 00:00	28-Aug-2025 00:00	28-Aug-2025 00:00	28-Aug-2025 00:00	28-Aug-2025 00:00	28-Aug-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-056	EB2600195-057	EB2600195-058	EB2600195-059	EB2600195-060	
				Result	Result	Result	Result	Result	
EA150: Particle Sizing - Continued									
+300µm	----	1	%	----	----	----	10	8	
+425µm	----	1	%	----	----	----	9	6	
+600µm	----	1	%	----	----	----	8	5	
+1180µm	----	1	%	----	----	----	6	4	
+2.36mm	----	1	%	----	----	----	3	2	
+4.75mm	----	1	%	----	----	----	<1	<1	
+9.5mm	----	1	%	----	----	----	<1	<1	
+19.0mm	----	1	%	----	----	----	<1	<1	
+37.5mm	----	1	%	----	----	----	<1	<1	
+75.0mm	----	1	%	----	----	----	<1	<1	
EA150: Soil Classification based on Particle Size									
Clay (<2 µm)	----	1	%	----	----	----	54	49	
Silt (2-60 µm)	----	1	%	----	----	----	28	28	
Sand (0.06-2.00 mm)	----	1	%	----	----	----	14	20	
Gravel (>2mm)	----	1	%	----	----	----	4	3	
Cobbles (>6cm)	----	1	%	----	----	----	<1	<1	
ED005: Exchange Acidity									
ø Exchange Acidity	----	0.1	meq/100g	----	4.4	6.9	----	----	
ø Exchangeable Aluminium	----	0.1	meq/100g	----	2.3	3.9	----	----	
ED007: Exchangeable Cations									
Exchangeable Calcium	----	0.1	meq/100g	----	<0.1	<0.1	----	----	
Exchangeable Magnesium	----	0.1	meq/100g	----	<0.1	<0.1	----	----	
Exchangeable Potassium	----	0.1	meq/100g	----	<0.1	<0.1	----	----	
Exchangeable Sodium	----	0.1	meq/100g	----	<0.1	<0.1	----	----	
Cation Exchange Capacity	----	0.1	meq/100g	----	4.4	6.9	----	----	
Exchangeable Sodium Percent	----	0.1	%	----	19.3	45.8	----	----	
ED021: Bicarbonate Extractable Potassium (Colwell)									



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7010_0.5-0. 6	KCB25-TP7010_0.2-0. 3	KCB25-TP7010_0.5-0. 6	KCB25-TP7010_0.2-0. 4	KCB25-TP7010_0.5-0. 8
Sampling date / time				28-Aug-2025 00:00	28-Aug-2025 00:00	28-Aug-2025 00:00	28-Aug-2025 00:00	28-Aug-2025 00:00	
Compound	CAS Number	LOR	Unit	EB2600195-056	EB2600195-057	EB2600195-058	EB2600195-059	EB2600195-060	
				Result	Result	Result	Result	Result	
ED021: Bicarbonate Extractable Potassium (Colwell) - Continued									
Bicarbonate Extractable K (Colwell)	----	100	mg/kg	----	<100	<100	----	----	
EG005(ED093)T: Total Metals by ICP-AES									
Arsenic	7440-38-2	5	mg/kg	----	<5	<5	----	----	
Cadmium	7440-43-9	1	mg/kg	----	<1	<1	----	----	
Chromium	7440-47-3	2	mg/kg	----	<2	<2	----	----	
Copper	7440-50-8	5	mg/kg	----	10	14	----	----	
Lead	7439-92-1	5	mg/kg	----	9	9	----	----	
Nickel	7440-02-0	2	mg/kg	----	<2	<2	----	----	
Zinc	7440-66-6	5	mg/kg	----	28	27	----	----	
EG035T: Total Recoverable Mercury by FIMS									
Mercury	7439-97-6	0.1	mg/kg	----	<0.1	<0.1	----	----	
EK055: Ammonia as N									
Ammonia as N	7664-41-7	20	mg/kg	----	<20	<20	----	----	
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg	----	<0.1	<0.1	----	----	
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N (Sol.)	14797-55-8	0.1	mg/kg	----	0.3	0.3	----	----	
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg	----	0.3	0.3	----	----	
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	20	mg/kg	----	220	190	----	----	
EK062: Total Nitrogen as N (TKN + NOx)									
^ Total Nitrogen as N	----	20	mg/kg	----	220	190	----	----	
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	2	mg/kg	----	332	295	----	----	
EP004: Organic Matter									
Organic Matter	----	0.5	%	----	0.9	<0.5	----	----	



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7010_0.5-0. 6	KCB25-TP7010_0.2-0. 3	KCB25-TP7010_0.5-0. 6	KCB25-TP7010_0.2-0. 4	KCB25-TP7010_0.5-0. 8
Sampling date / time					28-Aug-2025 00:00	28-Aug-2025 00:00	28-Aug-2025 00:00	28-Aug-2025 00:00	28-Aug-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-056	EB2600195-057	EB2600195-058	EB2600195-059	EB2600195-060	
				Result	Result	Result	Result	Result	
EP004: Organic Matter - Continued									
Total Organic Carbon	----	0.5	%	----	0.5	<0.5	----	----	



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

				KCB25-TP7011_0.3-0. 4	KCB25-TP7011_0.6-0. 7	KCB25-TP7011_0.3-0. 4	KCB25-TP7011_0.6-0. 7	KCB25-TP7011_0.1-0. 3
Sampling date / time				12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-061	EB2600195-062	EB2600195-063	EB2600195-064	EB2600195-065
				Result	Result	Result	Result	Result
EA002: pH 1:5 (Soils)								
pH Value	----	0.1	pH Unit	----	----	4.5	4.5	----
EA010: Conductivity (1:5)								
Electrical Conductivity @ 25°C	----	1	µS/cm	----	----	17	19	----
EA033-A: Actual Acidity								
pH KCl (23A)	----	0.1	pH Unit	4.5	4.5	----	----	----
Titrateable Actual Acidity (23F)	----	2	mole H+ / t	77	78	----	----	----
sulfidic - Titrateable Actual Acidity (s-23F)	----	0.02	% pyrite S	0.12	0.12	----	----	----
EA033-B: Potential Acidity								
Chromium Reducible Sulfur (22B)	----	0.005	% S	0.013	0.011	----	----	----
acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	<10	<10	----	----	----
EA033-E: Acid Base Accounting								
ANC Fineness Factor	----	0.5	-	1.5	1.5	----	----	----
Net Acidity (sulfur units)	----	0.02	% S	0.14	0.14	----	----	----
Net Acidity (acidity units)	----	10	mole H+ / t	85	85	----	----	----
Liming Rate	----	1	kg CaCO3/t	6	6	----	----	----
Net Acidity excluding ANC (sulfur units)	----	0.02	% S	0.14	0.14	----	----	----
Net Acidity excluding ANC (acidity units)	----	10	mole H+ / t	85	85	----	----	----
Liming Rate excluding ANC	----	1	kg CaCO3/t	6	6	----	----	----
EA037: Ass Field Screening Analysis								
ø pH (F)	----	0.1	pH Unit	4.4	4.5	----	----	----
ø pH (Fox)	----	0.1	pH Unit	3.6	3.5	----	----	----
ø Reaction Rate	----	1	-	2	2	----	----	----
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	----	----	43.7	42.8	----
EA150: Particle Sizing								
+75µm	----	1	%	----	----	----	----	14
+150µm	----	1	%	----	----	----	----	9



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7011_0.3-0. 4	KCB25-TP7011_0.6-0. 7	KCB25-TP7011_0.3-0. 4	KCB25-TP7011_0.6-0. 7	KCB25-TP7011_0.1-0. 3
Sampling date / time				12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-061	EB2600195-062	EB2600195-063	EB2600195-064	EB2600195-065	
				Result	Result	Result	Result	Result	
ED021: Bicarbonate Extractable Potassium (Colwell) - Continued									
Bicarbonate Extractable K (Colwell)	----	100	mg/kg	----	----	<100	<100	----	
EG005(ED093)T: Total Metals by ICP-AES									
Arsenic	7440-38-2	5	mg/kg	----	----	<5	<5	----	
Cadmium	7440-43-9	1	mg/kg	----	----	<1	<1	----	
Chromium	7440-47-3	2	mg/kg	----	----	3	3	----	
Copper	7440-50-8	5	mg/kg	----	----	9	8	----	
Lead	7439-92-1	5	mg/kg	----	----	8	8	----	
Nickel	7440-02-0	2	mg/kg	----	----	2	<2	----	
Zinc	7440-66-6	5	mg/kg	----	----	21	22	----	
EG035T: Total Recoverable Mercury by FIMS									
Mercury	7439-97-6	0.1	mg/kg	----	----	0.2	0.2	----	
EK055: Ammonia as N									
Ammonia as N	7664-41-7	20	mg/kg	----	----	50	40	----	
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg	----	----	<0.1	<0.1	----	
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N (Sol.)	14797-55-8	0.1	mg/kg	----	----	0.4	0.4	----	
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg	----	----	0.4	0.4	----	
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	20	mg/kg	----	----	1400	680	----	
EK062: Total Nitrogen as N (TKN + NOx)									
^ Total Nitrogen as N	----	20	mg/kg	----	----	1400	680	----	
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	2	mg/kg	----	----	482	434	----	
EP004: Organic Matter									
Organic Matter	----	0.5	%	----	----	5.3	2.1	----	



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7011_0.3-0. 4	KCB25-TP7011_0.6-0. 7	KCB25-TP7011_0.3-0. 4	KCB25-TP7011_0.6-0. 7	KCB25-TP7011_0.1-0. 3
Sampling date / time					12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-061	EB2600195-062	EB2600195-063	EB2600195-064	EB2600195-065	
				Result	Result	Result	Result	Result	
EP004: Organic Matter - Continued									
Total Organic Carbon	----	0.5	%	----	----	3.1	1.2	----	



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

				KCB25-TP7011_0.5-0. 8	KCB25-TP7012_0.2-0. 3	KCB25-TP7012_0.5-0. 6	KCB25-TP7012_0.2-0. 3	KCB25-TP7012_0.5-0. 6
Sampling date / time				12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-066	EB2600195-067	EB2600195-068	EB2600195-069	EB2600195-070
				Result	Result	Result	Result	Result
EA002: pH 1:5 (Soils)								
pH Value	----	0.1	pH Unit	----	----	----	4.7	4.7
EA010: Conductivity (1:5)								
Electrical Conductivity @ 25°C	----	1	µS/cm	----	----	----	14	11
EA033-A: Actual Acidity								
pH KCl (23A)	----	0.1	pH Unit	----	4.6	4.6	----	----
Titrateable Actual Acidity (23F)	----	2	mole H+ / t	----	64	62	----	----
sulfidic - Titrateable Actual Acidity (s-23F)	----	0.02	% pyrite S	----	0.10	0.10	----	----
EA033-B: Potential Acidity								
Chromium Reducible Sulfur (22B)	----	0.005	% S	----	0.010	0.017	----	----
acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	----	<10	11	----	----
EA033-E: Acid Base Accounting								
ANC Fineness Factor	----	0.5	-	----	1.5	1.5	----	----
Net Acidity (sulfur units)	----	0.02	% S	----	0.11	0.12	----	----
Net Acidity (acidity units)	----	10	mole H+ / t	----	70	72	----	----
Liming Rate	----	1	kg CaCO3/t	----	5	5	----	----
Net Acidity excluding ANC (sulfur units)	----	0.02	% S	----	0.11	0.12	----	----
Net Acidity excluding ANC (acidity units)	----	10	mole H+ / t	----	70	72	----	----
Liming Rate excluding ANC	----	1	kg CaCO3/t	----	5	5	----	----
EA037: Ass Field Screening Analysis								
ø pH (F)	----	0.1	pH Unit	----	4.7	4.6	----	----
ø pH (Fox)	----	0.1	pH Unit	----	3.8	3.9	----	----
ø Reaction Rate	----	1	-	----	2	2	----	----
EA055: Moisture Content (Dried @ 105-110°C)								
Moisture Content	----	1.0	%	----	----	----	32.2	35.6
EA150: Particle Sizing								
+75µm	----	1	%	7	----	----	----	----
+150µm	----	1	%	3	----	----	----	----

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7011_0.5-0.	KCB25-TP7012_0.2-0.	KCB25-TP7012_0.5-0.	KCB25-TP7012_0.2-0.	KCB25-TP7012_0.5-0.
					8	3	6	3	6
Sampling date / time				12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-066	EB2600195-067	EB2600195-068	EB2600195-069	EB2600195-070	
				Result	Result	Result	Result	Result	
EA150: Particle Sizing - Continued									
+300µm	----	1	%	1	----	----	----	----	----
+425µm	----	1	%	<1	----	----	----	----	----
+600µm	----	1	%	<1	----	----	----	----	----
+1180µm	----	1	%	<1	----	----	----	----	----
+2.36mm	----	1	%	<1	----	----	----	----	----
+4.75mm	----	1	%	<1	----	----	----	----	----
+9.5mm	----	1	%	<1	----	----	----	----	----
+19.0mm	----	1	%	<1	----	----	----	----	----
+37.5mm	----	1	%	<1	----	----	----	----	----
+75.0mm	----	1	%	<1	----	----	----	----	----
EA150: Soil Classification based on Particle Size									
Clay (<2 µm)	----	1	%	50	----	----	----	----	----
Silt (2-60 µm)	----	1	%	41	----	----	----	----	----
Sand (0.06-2.00 mm)	----	1	%	9	----	----	----	----	----
Gravel (>2mm)	----	1	%	<1	----	----	----	----	----
Cobbles (>6cm)	----	1	%	<1	----	----	----	----	----
ED005: Exchange Acidity									
ø Exchange Acidity	----	0.1	meq/100g	----	----	----	5.2	4.4	
ø Exchangeable Aluminium	----	0.1	meq/100g	----	----	----	2.5	2.3	
ED007: Exchangeable Cations									
Exchangeable Calcium	----	0.1	meq/100g	----	----	----	<0.1	<0.1	
Exchangeable Magnesium	----	0.1	meq/100g	----	----	----	<0.1	<0.1	
Exchangeable Potassium	----	0.1	meq/100g	----	----	----	<0.1	<0.1	
Exchangeable Sodium	----	0.1	meq/100g	----	----	----	<0.1	<0.1	
Cation Exchange Capacity	----	0.1	meq/100g	----	----	----	5.2	4.4	
Exchangeable Sodium Percent	----	0.1	%	----	----	----	16.3	14.5	
ED021: Bicarbonate Extractable Potassium (Colwell)									



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7011_0.5-0. 8	KCB25-TP7012_0.2-0. 3	KCB25-TP7012_0.5-0. 6	KCB25-TP7012_0.2-0. 3	KCB25-TP7012_0.5-0. 6
Sampling date / time				12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00
Compound	CAS Number	LOR	Unit	EB2600195-066	EB2600195-067	EB2600195-068	EB2600195-069	EB2600195-070	
				Result	Result	Result	Result	Result	
ED021: Bicarbonate Extractable Potassium (Colwell) - Continued									
Bicarbonate Extractable K (Colwell)	----	100	mg/kg	----	----	----	<100	<100	
EG005(ED093)T: Total Metals by ICP-AES									
Arsenic	7440-38-2	5	mg/kg	----	----	----	<5	<5	
Cadmium	7440-43-9	1	mg/kg	----	----	----	<1	<1	
Chromium	7440-47-3	2	mg/kg	----	----	----	7	6	
Copper	7440-50-8	5	mg/kg	----	----	----	<5	5	
Lead	7439-92-1	5	mg/kg	----	----	----	8	7	
Nickel	7440-02-0	2	mg/kg	----	----	----	<2	<2	
Zinc	7440-66-6	5	mg/kg	----	----	----	15	14	
EG035T: Total Recoverable Mercury by FIMS									
Mercury	7439-97-6	0.1	mg/kg	----	----	----	0.2	0.2	
EK055: Ammonia as N									
Ammonia as N	7664-41-7	20	mg/kg	----	----	----	<20	<20	
EK057G: Nitrite as N by Discrete Analyser									
Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg	----	----	----	<0.1	<0.1	
EK058G: Nitrate as N by Discrete Analyser									
Nitrate as N (Sol.)	14797-55-8	0.1	mg/kg	----	----	----	0.2	0.1	
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser									
Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg	----	----	----	0.2	0.1	
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser									
Total Kjeldahl Nitrogen as N	----	20	mg/kg	----	----	----	610	640	
EK062: Total Nitrogen as N (TKN + NOx)									
^ Total Nitrogen as N	----	20	mg/kg	----	----	----	610	640	
EK067G: Total Phosphorus as P by Discrete Analyser									
Total Phosphorus as P	----	2	mg/kg	----	----	----	366	393	
EP004: Organic Matter									
Organic Matter	----	0.5	%	----	----	----	1.6	1.0	



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	KCB25-TP7011_0.5-0. 8	KCB25-TP7012_0.2-0. 3	KCB25-TP7012_0.5-0. 6	KCB25-TP7012_0.2-0. 3	KCB25-TP7012_0.5-0. 6
Sampling date / time					12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00	12-Oct-2025 00:00
Compound	CAS Number	LOR	Unit		EB2600195-066	EB2600195-067	EB2600195-068	EB2600195-069	EB2600195-070
				Result	Result	Result	Result	Result	
EP004: Organic Matter - Continued									
Total Organic Carbon	----	0.5	%		----	----	----	0.9	0.6



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

				KCB25-TP7012_0.1-0.3	KCB25-TP7012_0.5-0.8	----	----	----
Sampling date / time				12-Oct-2025 00:00	12-Oct-2025 00:00	----	----	----
Compound	CAS Number	LOR	Unit	EB2600195-071	EB2600195-072	-----	-----	-----
				Result	Result	----	----	----
EA150: Particle Sizing								
+75µm	----	1	%	16	14	----	----	----
+150µm	----	1	%	7	9	----	----	----
+300µm	----	1	%	2	4	----	----	----
+425µm	----	1	%	<1	2	----	----	----
+600µm	----	1	%	<1	2	----	----	----
+1180µm	----	1	%	<1	<1	----	----	----
+2.36mm	----	1	%	<1	<1	----	----	----
+4.75mm	----	1	%	<1	<1	----	----	----
+9.5mm	----	1	%	<1	<1	----	----	----
+19.0mm	----	1	%	<1	<1	----	----	----
+37.5mm	----	1	%	<1	<1	----	----	----
+75.0mm	----	1	%	<1	<1	----	----	----
EA150: Soil Classification based on Particle Size								
Clay (<2 µm)	----	1	%	48	59	----	----	----
Silt (2-60 µm)	----	1	%	35	27	----	----	----
Sand (0.06-2.00 mm)	----	1	%	17	14	----	----	----
Gravel (>2mm)	----	1	%	<1	<1	----	----	----
Cobbles (>6cm)	----	1	%	<1	<1	----	----	----

Inter-Laboratory Testing

Analysis conducted by ALS Sydney, NATA accreditation no. 825, site no. 10911 (Chemistry / Biology).

(SOIL) EK055: Ammonia as N



QUALITY CONTROL REPORT

Work Order	: EB2600195	Page	: 1 of 11
Client	: KCB AUSTRALIA PTY LTD	Laboratory	: Environmental Division Brisbane
Contact	: MICHAEL O'KEEFE	Contact	: Customer Services EB
Address	: LEVEL 3 150 MARY STREET BRISBANE 4000	Address	: 2 Byth Street Stafford QLD Australia 4053
Telephone	: 07 3518 0977	Telephone	: +61-7-3552-8685
Project	: 01D09135A95 - OTML Lowlands FS: Ok Birim ESIA Soil Sampling	Date Samples Received	: 06-Jan-2026
Order number	: ----	Date Analysis Commenced	: 28-Jan-2026
C-O-C number	: ----	Issue Date	: 06-Feb-2026
Sampler	: Samuel Miller		
Site	: Ok-Birim, Western Province, Papua New Guinea		
Quote number	: EB25KCBAUS0012 V3		
No. of samples received	: 72		
No. of samples analysed	: 72		



This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	Position	Accreditation Category
Ankit Joshi	Senior Chemist - Inorganics	Sydney Inorganics, Smithfield, NSW
Beatriz Llarinas	Senior Chemist	Brisbane Inorganics, Stafford, QLD
Beatriz Llarinas	Senior Chemist	Brisbane Soil Preparation, Stafford, QLD
Ben Felgendrejeris	Senior Acid Sulfate Soil Chemist	Brisbane Acid Sulphate Soils, Stafford, QLD
Ben Felgendrejeris	Senior Acid Sulfate Soil Chemist	Brisbane Soil Preparation, Stafford, QLD
Layla Hafner	Acid Sulphate Soils - Chemist	Brisbane Acid Sulphate Soils, Stafford, QLD



General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis. Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Key : Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot

CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

LOR = Limit of reporting

RPD = Relative Percentage Difference

= Indicates failed QC

* = The final LOR has been raised due to dilution or other sample specific cause; adjusted LOR is shown in brackets. The duplicate ranges for Acceptable RPD% are applied to the final LOR where applicable.

Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR: No Limit; Result between 10 and 20 times LOR: 0% - 50%; Result > 20 times LOR: 0% - 20%.

Sub-Matrix: **SOIL**

Sub-Matrix: SOIL				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EG005(ED093)T: Total Metals by ICP-AES (QC Lot: 7159980)									
EB2600195-003	KCB25-TP7001_0.2-0.3	EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	9	9	0.0	No Limit
		EG005T: Nickel	7440-02-0	2	mg/kg	3	3	0.0	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Lead	7439-92-1	5	mg/kg	5	5	0.0	No Limit
		EG005T: Zinc	7440-66-6	5	mg/kg	14	13	7.8	No Limit
EB2600195-033	KCB25-TP7006_0.2-0.3	EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	<2	<2	0.0	No Limit
		EG005T: Nickel	7440-02-0	2	mg/kg	<2	<2	0.0	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	11	11	0.0	No Limit
		EG005T: Lead	7439-92-1	5	mg/kg	8	8	0.0	No Limit
		EG005T: Zinc	7440-66-6	5	mg/kg	26	26	0.0	No Limit
EG005(ED093)T: Total Metals by ICP-AES (QC Lot: 7159981)									
EB2600195-063	KCB25-TP7011_0.3-0.4	EG005T: Cadmium	7440-43-9	1	mg/kg	<1	<1	0.0	No Limit
		EG005T: Chromium	7440-47-3	2	mg/kg	3	4	0.0	No Limit
		EG005T: Nickel	7440-02-0	2	mg/kg	2	2	0.0	No Limit
		EG005T: Arsenic	7440-38-2	5	mg/kg	<5	<5	0.0	No Limit
		EG005T: Copper	7440-50-8	5	mg/kg	9	9	0.0	No Limit
		EG005T: Lead	7439-92-1	5	mg/kg	8	10	13.3	No Limit



Sub-Matrix: SOIL				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EG005(ED093)T: Total Metals by ICP-AES (QC Lot: 7159981) - continued									
EB2600195-063	KCB25-TP7011_0.3-0.4	EG005T: Zinc	7440-66-6	5	mg/kg	21	25	14.9	No Limit
EA002: pH 1:5 (Soils) (QC Lot: 7160037)									
EB2600195-003	KCB25-TP7001_0.2-0.3	EA002: pH Value	----	0.1	pH Unit	5.0	5.0	0.0	0% - 20%
EB2600195-033	KCB25-TP7006_0.2-0.3	EA002: pH Value	----	0.1	pH Unit	4.9	4.9	0.0	0% - 20%
EA002: pH 1:5 (Soils) (QC Lot: 7160041)									
EB2600195-063	KCB25-TP7011_0.3-0.4	EA002: pH Value	----	0.1	pH Unit	4.5	4.6	2.6	0% - 20%
EA010: Conductivity (1:5) (QC Lot: 7160034)									
EB2600195-003	KCB25-TP7001_0.2-0.3	EA010: Electrical Conductivity @ 25°C	----	1	µS/cm	19	17	8.0	0% - 50%
EB2600195-033	KCB25-TP7006_0.2-0.3	EA010: Electrical Conductivity @ 25°C	----	1	µS/cm	13	13	0.0	0% - 50%
EA010: Conductivity (1:5) (QC Lot: 7160038)									
EB2600195-063	KCB25-TP7011_0.3-0.4	EA010: Electrical Conductivity @ 25°C	----	1	µS/cm	17	17	0.0	0% - 50%
EA033-A: Actual Acidity (QC Lot: 7170037)									
EB2600195-001	KCB25-TP7001_0.2-0.3	EA033: sulfidic - Titratable Actual Acidity (s-23F)	----	0.02	% pyrite S	0.07	0.07	0.0	No Limit
		EA033: Titratable Actual Acidity (23F)	----	2	mole H+ / t	46	46	0.0	0% - 20%
		EA033: pH KCl (23A)	----	0.1	pH Unit	4.8	4.8	0.0	0% - 20%
EB2600195-031	KCB25-TP7006_0.2-0.3	EA033: sulfidic - Titratable Actual Acidity (s-23F)	----	0.02	% pyrite S	0.09	0.09	0.0	No Limit
		EA033: Titratable Actual Acidity (23F)	----	2	mole H+ / t	58	58	0.0	0% - 20%
		EA033: pH KCl (23A)	----	0.1	pH Unit	4.6	4.6	0.0	0% - 20%
EA033-A: Actual Acidity (QC Lot: 7170038)									
EB2600195-061	KCB25-TP7011_0.3-0.4	EA033: sulfidic - Titratable Actual Acidity (s-23F)	----	0.02	% pyrite S	0.12	0.13	0.0	No Limit
		EA033: Titratable Actual Acidity (23F)	----	2	mole H+ / t	77	80	4.9	0% - 20%
		EA033: pH KCl (23A)	----	0.1	pH Unit	4.5	4.5	0.0	0% - 20%
EB2603325-007	Anonymous	EA033: sulfidic - Titratable Actual Acidity (s-23F)	----	0.02	% pyrite S	0.03	0.03	0.0	No Limit
		EA033: Titratable Actual Acidity (23F)	----	2	mole H+ / t	22	22	0.0	0% - 50%
		EA033: pH KCl (23A)	----	0.1	pH Unit	5.1	5.1	0.0	0% - 20%
EA033-B: Potential Acidity (QC Lot: 7170037)									
EB2600195-001	KCB25-TP7001_0.2-0.3	EA033: Chromium Reducible Sulfur (22B)	----	0.005	% S	0.010	0.011	0.0	No Limit
		EA033: acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	<10	<10	0.0	No Limit
EB2600195-031	KCB25-TP7006_0.2-0.3	EA033: Chromium Reducible Sulfur (22B)	----	0.005	% S	0.018	0.013	32.4	No Limit
		EA033: acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	11	<10	10.3	No Limit
EA033-B: Potential Acidity (QC Lot: 7170038)									
EB2600195-061	KCB25-TP7011_0.3-0.4	EA033: Chromium Reducible Sulfur (22B)	----	0.005	% S	0.013	0.015	12.2	No Limit
		EA033: acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	<10	<10	0.0	No Limit
EB2603325-007	Anonymous	EA033: Chromium Reducible Sulfur (22B)	----	0.005	% S	0.017	0.016	0.0	No Limit



Sub-Matrix: SOIL				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EA033-B: Potential Acidity (QC Lot: 7170038) - continued									
EB2603325-007	Anonymous	EA033: acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	11	10	0.0	No Limit
EA037: Ass Field Screening Analysis (QC Lot: 7170557)									
EB2600195-001	KCB25-TP7001_0.2-0.3	EA037: pH (F)	----	0.1	pH Unit	5.0	5.0	0.0	0% - 20%
		EA037: pH (Fox)	----	0.1	pH Unit	3.6	3.7	0.0	0% - 20%
EB2600195-031	KCB25-TP7006_0.2-0.3	EA037: pH (F)	----	0.1	pH Unit	4.5	4.5	0.0	0% - 20%
		EA037: pH (Fox)	----	0.1	pH Unit	3.8	3.8	0.0	0% - 20%
EA037: Ass Field Screening Analysis (QC Lot: 7170558)									
EB2600195-061	KCB25-TP7011_0.3-0.4	EA037: pH (F)	----	0.1	pH Unit	4.4	4.4	0.0	0% - 20%
		EA037: pH (Fox)	----	0.1	pH Unit	3.6	3.6	0.0	0% - 20%
EA055: Moisture Content (Dried @ 105-110°C) (QC Lot: 7161533)									
EB2600195-003	KCB25-TP7001_0.2-0.3	EA055: Moisture Content	----	0.1 (1.0)*	%	36.2	37.9	4.8	0% - 20%
EB2600195-033	KCB25-TP7006_0.2-0.3	EA055: Moisture Content	----	0.1 (1.0)*	%	39.0	38.0	2.6	0% - 20%
EA055: Moisture Content (Dried @ 105-110°C) (QC Lot: 7161534)									
EB2600195-063	KCB25-TP7011_0.3-0.4	EA055: Moisture Content	----	0.1 (1.0)*	%	43.7	44.6	1.9	0% - 20%
EB2602608-011	Anonymous	EA055: Moisture Content	----	0.1 (1.0)*	%	8.6	10.7	21.9	0% - 50%
ED005: Exchange Acidity (QC Lot: 7170057)									
EB2600195-003	KCB25-TP7001_0.2-0.3	ED005: Exchange Acidity	----	0.1	meq/100g	3.6	3.4	4.5	0% - 20%
		ED005: Exchangeable Aluminium	----	0.1	meq/100g	1.6	1.6	0.0	0% - 50%
EB2600195-033	KCB25-TP7006_0.2-0.3	ED005: Exchange Acidity	----	0.1	meq/100g	3.5	3.7	4.7	0% - 20%
		ED005: Exchangeable Aluminium	----	0.1	meq/100g	3.2	2.7	17.0	0% - 20%
ED005: Exchange Acidity (QC Lot: 7170060)									
EB2600195-063	KCB25-TP7011_0.3-0.4	ED005: Exchange Acidity	----	0.1	meq/100g	4.7	4.5	3.5	0% - 20%
		ED005: Exchangeable Aluminium	----	0.1	meq/100g	2.3	2.3	0.0	0% - 20%
ED007: Exchangeable Cations (QC Lot: 7170056)									
EB2600195-003	KCB25-TP7001_0.2-0.3	ED007: Exchangeable Calcium	----	0.1	meq/100g	1.0	1.0	0.0	0% - 50%
		ED007: Exchangeable Magnesium	----	0.1	meq/100g	0.3	0.3	0.0	No Limit
		ED007: Exchangeable Potassium	----	0.1	meq/100g	0.1	0.1	0.0	No Limit
		ED007: Exchangeable Sodium	----	0.1	meq/100g	<0.1	<0.1	0.0	No Limit
EB2600195-033	KCB25-TP7006_0.2-0.3	ED007: Exchangeable Calcium	----	0.1	meq/100g	<0.1	<0.1	0.0	No Limit
		ED007: Exchangeable Magnesium	----	0.1	meq/100g	<0.1	<0.1	0.0	No Limit
		ED007: Exchangeable Potassium	----	0.1	meq/100g	<0.1	<0.1	0.0	No Limit
		ED007: Exchangeable Sodium	----	0.1	meq/100g	<0.1	<0.1	0.0	No Limit
ED007: Exchangeable Cations (QC Lot: 7170059)									
EB2600195-063	KCB25-TP7011_0.3-0.4	ED007: Exchangeable Calcium	----	0.1	meq/100g	<0.1	<0.1	0.0	No Limit
		ED007: Exchangeable Magnesium	----	0.1	meq/100g	<0.1	<0.1	0.0	No Limit
		ED007: Exchangeable Potassium	----	0.1	meq/100g	<0.1	<0.1	0.0	No Limit

Sub-Matrix: SOIL				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
ED007: Exchangeable Cations (QC Lot: 7170059) - continued									
EB2600195-063	KCB25-TP7011_0.3-0.4	ED007: Exchangeable Sodium	----	0.1	meq/100g	<0.1	<0.1	0.0	No Limit
ED021: Bicarbonate Extractable Potassium (Colwell) (QC Lot: 7170003)									
EB2600195-003	KCB25-TP7001_0.2-0.3	ED021: Bicarbonate Extractable K (Colwell)	----	100	mg/kg	<100	111	10.1	No Limit
EB2600195-034	KCB25-TP7006_0.5-0.6	ED021: Bicarbonate Extractable K (Colwell)	----	100	mg/kg	<100	<100	0.0	No Limit
ED021: Bicarbonate Extractable Potassium (Colwell) (QC Lot: 7170004)									
EB2600195-063	KCB25-TP7011_0.3-0.4	ED021: Bicarbonate Extractable K (Colwell)	----	100	mg/kg	<100	<100	0.0	No Limit
EG035T: Total Recoverable Mercury by FIMS (QC Lot: 7159979)									
EB2600195-003	KCB25-TP7001_0.2-0.3	EG035T: Mercury	7439-97-6	0.1	mg/kg	0.1	0.1	0.0	No Limit
EB2600195-033	KCB25-TP7006_0.2-0.3	EG035T: Mercury	7439-97-6	0.1	mg/kg	0.2	0.1	0.0	No Limit
EG035T: Total Recoverable Mercury by FIMS (QC Lot: 7159982)									
EB2600195-063	KCB25-TP7011_0.3-0.4	EG035T: Mercury	7439-97-6	0.1	mg/kg	0.2	0.2	0.0	No Limit
EK055: Ammonia as N (QC Lot: 7175034)									
EB2600195-003	KCB25-TP7001_0.2-0.3	EK055: Ammonia as N	7664-41-7	20	mg/kg	70	60	0.0	No Limit
ES2602488-001	Anonymous	EK055: Ammonia as N	7664-41-7	20	mg/kg	<20	<20	0.0	No Limit
EK055: Ammonia as N (QC Lot: 7178778)									
EB2600195-033	KCB25-TP7006_0.2-0.3	EK055: Ammonia as N	7664-41-7	20	mg/kg	40	40	0.0	No Limit
EB2600195-063	KCB25-TP7011_0.3-0.4	EK055: Ammonia as N	7664-41-7	20	mg/kg	50	60	0.0	No Limit
EK057G: Nitrite as N by Discrete Analyser (QC Lot: 7160036)									
EB2600195-003	KCB25-TP7001_0.2-0.3	EK057G: Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
EB2600195-033	KCB25-TP7006_0.2-0.3	EK057G: Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
EK057G: Nitrite as N by Discrete Analyser (QC Lot: 7160040)									
EB2600195-063	KCB25-TP7011_0.3-0.4	EK057G: Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QC Lot: 7160035)									
EB2600195-003	KCB25-TP7001_0.2-0.3	EK059G: Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg	0.1	0.1	0.0	No Limit
EB2600195-033	KCB25-TP7006_0.2-0.3	EK059G: Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg	<0.1	<0.1	0.0	No Limit
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QC Lot: 7160039)									
EB2600195-063	KCB25-TP7011_0.3-0.4	EK059G: Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg	0.4	0.3	0.0	No Limit
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QC Lot: 7160048)									
EB2600195-003	KCB25-TP7001_0.2-0.3	EK061G: Total Kjeldahl Nitrogen as N	----	20	mg/kg	1220	1490	19.4	0% - 20%
EB2600195-033	KCB25-TP7006_0.2-0.3	EK061G: Total Kjeldahl Nitrogen as N	----	20	mg/kg	590	570	3.4	0% - 20%
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QC Lot: 7160051)									
EB2600195-046	KCB25-TP7008_0.7-0.8	EK061G: Total Kjeldahl Nitrogen as N	----	20	mg/kg	560	550	2.0	0% - 20%
EK067G: Total Phosphorus as P by Discrete Analyser (QC Lot: 7160047)									
EB2600195-003	KCB25-TP7001_0.2-0.3	EK067G: Total Phosphorus as P	----	2	mg/kg	225	251	11.0	0% - 20%
EB2600195-033	KCB25-TP7006_0.2-0.3	EK067G: Total Phosphorus as P	----	2	mg/kg	535	571	6.6	0% - 20%
EK067G: Total Phosphorus as P by Discrete Analyser (QC Lot: 7160050)									



Sub-Matrix: SOIL				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Acceptable RPD (%)
EK067G: Total Phosphorus as P by Discrete Analyser (QC Lot: 7160050) - continued									
EB2600195-046	KCB25-TP7008_0.7-0.8	EK067G: Total Phosphorus as P	----	2	mg/kg	436	399	8.9	0% - 20%
EP004: Organic Matter (QC Lot: 7161622)									
EB2600195-003	KCB25-TP7001_0.2-0.3	EP004: Organic Matter	----	0.5	%	1.9	2.1	7.6	No Limit
		EP004: Total Organic Carbon	----	0.5	%	1.1	1.2	0.0	No Limit
EB2600195-028	KCB25-TP7005_0.4-0.5	EP004: Organic Matter	----	0.5	%	1.7	1.6	0.0	No Limit
		EP004: Total Organic Carbon	----	0.5	%	1.0	0.9	0.0	No Limit
EP004: Organic Matter (QC Lot: 7161633)									
EB2600195-052	KCB25-TP7009_0.5-0.6	EP004: Organic Matter	----	0.5	%	1.6	1.7	0.0	No Limit
		EP004: Total Organic Carbon	----	0.5	%	0.9	1.0	0.0	No Limit

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Sample (LCS) refers to a certified reference material, or a known interference free matrix spiked with target analytes. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

Sub-Matrix: SOIL				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike Concentration	Spike Recovery (%) LCS	Acceptable Limits (%) Low High	
Method: Compound	CAS Number	LOR	Unit	Result				
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 7159980)								
EG005T: Arsenic	7440-38-2	5	mg/kg	<5	34.4 mg/kg	96.2	84.0	123
EG005T: Cadmium	7440-43-9	1	mg/kg	<1	----	----	----	----
EG005T: Chromium	7440-47-3	2	mg/kg	<2	30.6 mg/kg	103	83.0	125
EG005T: Copper	7440-50-8	5	mg/kg	<5	144 mg/kg	101	86.0	122
EG005T: Lead	7439-92-1	5	mg/kg	<5	132 mg/kg	96.7	84.0	119
EG005T: Nickel	7440-02-0	2	mg/kg	<2	36.6 mg/kg	103	81.5	118
EG005T: Zinc	7440-66-6	5	mg/kg	<5	220 mg/kg	95.9	80.0	120
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 7159981)								
EG005T: Arsenic	7440-38-2	5	mg/kg	<5	34.4 mg/kg	99.8	84.0	123
EG005T: Cadmium	7440-43-9	1	mg/kg	<1	----	----	----	----
EG005T: Chromium	7440-47-3	2	mg/kg	<2	30.6 mg/kg	99.0	83.0	125
EG005T: Copper	7440-50-8	5	mg/kg	<5	144 mg/kg	97.3	86.0	122
EG005T: Lead	7439-92-1	5	mg/kg	<5	132 mg/kg	102	84.0	119
EG005T: Nickel	7440-02-0	2	mg/kg	<2	36.6 mg/kg	98.0	81.5	118
EG005T: Zinc	7440-66-6	5	mg/kg	<5	220 mg/kg	98.4	80.0	120
EA002: pH 1:5 (Soils) (QCLot: 7160037)								
EA002: pH Value	----	----	pH Unit	----	4 pH Unit	101	98.0	102
				----	7 pH Unit	100	98.0	102
EA002: pH 1:5 (Soils) (QCLot: 7160041)								
EA002: pH Value	----	----	pH Unit	----	4 pH Unit	101	98.0	102
				----	7 pH Unit	100	98.0	102
EA010: Conductivity (1:5) (QCLot: 7160034)								
EA010: Electrical Conductivity @ 25°C	----	1	µS/cm	<1	1412 µS/cm	97.4	95.0	105
EA010: Conductivity (1:5) (QCLot: 7160038)								
EA010: Electrical Conductivity @ 25°C	----	1	µS/cm	<1	1412 µS/cm	100	95.0	105
EA033-A: Actual Acidity (QCLot: 7170037)								
EA033: pH KCl (23A)	----	----	pH Unit	----	4.7 pH Unit	97.2	80.0	120
EA033: Titratable Actual Acidity (23F)	----	2	mole H+ / t	<2	23.5 mole H+ / t	104	80.0	120
EA033: sulfidic - Titratable Actual Acidity (s-23F)	----	0.02	% pyrite S	<0.02	----	----	----	----
EA033-A: Actual Acidity (QCLot: 7170038)								

Sub-Matrix: SOIL				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike Concentration	Spike Recovery (%)	Acceptable Limits (%)	
Method: Compound	CAS Number	LOR	Unit	Result		LCS	Low	High
EA033-A: Actual Acidity (QCLot: 7170038) - continued								
EA033: pH KCl (23A)	----	----	pH Unit	----	4.7 pH Unit	97.9	80.0	120
EA033: Titratable Actual Acidity (23F)	----	2	mole H+ / t	<2	23.5 mole H+ / t	103	80.0	120
EA033: sulfidic - Titratable Actual Acidity (s-23F)	----	0.02	% pyrite S	<0.02	----	----	----	----
EA033-B: Potential Acidity (QCLot: 7170037)								
EA033: Chromium Reducible Sulfur (22B)	----	0.005	% S	<0.005	0.283 % S	94.2	77.0	121
EA033: acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	<10	----	----	----	----
EA033-B: Potential Acidity (QCLot: 7170038)								
EA033: Chromium Reducible Sulfur (22B)	----	0.005	% S	<0.005	0.283 % S	100	77.0	121
EA033: acidity - Chromium Reducible Sulfur (a-22B)	----	10	mole H+ / t	<10	----	----	----	----
EA033-D: Retained Acidity (QCLot: 7170037)								
EA033: Net Acid Soluble Sulfur (20Je)	----	0.02	% S	<0.02	----	----	----	----
EA033: acidity - Net Acid Soluble Sulfur (a-20J)	----	10	mole H+ / t	<10	----	----	----	----
EA033: sulfidic - Net Acid Soluble Sulfur (s-20J)	----	0.02	% pyrite S	<0.02	----	----	----	----
EA033: KCl Extractable Sulfur (23Ce)	----	0.02	% S	<0.02	0.064 % S	79.1	70.0	128
EA033: HCl Extractable Sulfur (20Be)	----	0.02	% S	<0.02	0.15 % S	110	70.0	120
EA033-D: Retained Acidity (QCLot: 7170038)								
EA033: Net Acid Soluble Sulfur (20Je)	----	0.02	% S	<0.02	----	----	----	----
EA033: acidity - Net Acid Soluble Sulfur (a-20J)	----	10	mole H+ / t	<10	----	----	----	----
EA033: sulfidic - Net Acid Soluble Sulfur (s-20J)	----	0.02	% pyrite S	<0.02	----	----	----	----
EA033: KCl Extractable Sulfur (23Ce)	----	0.02	% S	<0.02	0.064 % S	79.1	70.0	128
EA033: HCl Extractable Sulfur (20Be)	----	0.02	% S	<0.02	0.15 % S	110	70.0	120
ED005: Exchange Acidity (QCLot: 7170057)								
ED005: Exchange Acidity	----	0.1	meq/100g	<0.1	----	----	----	----
ED005: Exchangeable Aluminium	----	0.1	meq/100g	<0.1	----	----	----	----
ED005: Exchange Acidity (QCLot: 7170060)								
ED005: Exchange Acidity	----	0.1	meq/100g	<0.1	----	----	----	----
ED005: Exchangeable Aluminium	----	0.1	meq/100g	<0.1	----	----	----	----
ED007: Exchangeable Cations (QCLot: 7170056)								
ED007: Exchangeable Calcium	----	0.1	meq/100g	<0.1	24.31 meq/100g	110	79.0	113
ED007: Exchangeable Magnesium	----	0.1	meq/100g	<0.1	7.95 meq/100g	98.7	85.0	115
ED007: Exchangeable Potassium	----	0.1	meq/100g	<0.1	1.08 meq/100g	101	70.0	122
ED007: Exchangeable Sodium	----	0.1	meq/100g	<0.1	7.56 meq/100g	105	76.0	112
ED007: Cation Exchange Capacity	----	0.1	meq/100g	<0.1	41.05 meq/100g	106	82.0	112
ED007: Exchangeable Cations (QCLot: 7170059)								



Sub-Matrix: SOIL				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike Concentration	Spike Recovery (%) LCS	Acceptable Limits (%) Low High	
Method: Compound	CAS Number	LOR	Unit	Result				
ED007: Exchangeable Cations (QCLot: 7170059) - continued								
ED007: Exchangeable Calcium	----	0.1	meq/100g	<0.1	24.31 meq/100g	111	79.0	113
ED007: Exchangeable Magnesium	----	0.1	meq/100g	<0.1	7.95 meq/100g	99.9	85.0	115
ED007: Exchangeable Potassium	----	0.1	meq/100g	<0.1	1.08 meq/100g	103	70.0	122
ED007: Exchangeable Sodium	----	0.1	meq/100g	<0.1	7.56 meq/100g	106	76.0	112
ED007: Cation Exchange Capacity	----	0.1	meq/100g	<0.1	41.05 meq/100g	108	82.0	112
ED021: Bicarbonate Extractable Potassium (Colwell) (QCLot: 7170003)								
ED021: Bicarbonate Extractable K (Colwell)	----	100	mg/kg	<100	300.66 mg/kg	96.8	70.0	130
ED021: Bicarbonate Extractable Potassium (Colwell) (QCLot: 7170004)								
ED021: Bicarbonate Extractable K (Colwell)	----	100	mg/kg	<100	300.66 mg/kg	80.5	70.0	130
EG035T: Total Recoverable Mercury by FIMS (QCLot: 7159979)								
EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	0.12962 mg/kg	71.8	70.0	125
EG035T: Total Recoverable Mercury by FIMS (QCLot: 7159982)								
EG035T: Mercury	7439-97-6	0.1	mg/kg	<0.1	0.12962 mg/kg	113	70.0	125
EK055: Ammonia as N (QCLot: 7175034)								
EK055: Ammonia as N	7664-41-7	20	mg/kg	<20	125 mg/kg	85.8	84.0	104
EK055: Ammonia as N (QCLot: 7178778)								
EK055: Ammonia as N	7664-41-7	20	mg/kg	<20	125 mg/kg	84.8	84.0	104
EK057G: Nitrite as N by Discrete Analyser (QCLot: 7160036)								
EK057G: Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg	<0.1	2.5 mg/kg	98.3	83.0	111
EK057G: Nitrite as N by Discrete Analyser (QCLot: 7160040)								
EK057G: Nitrite as N (Sol.)	14797-65-0	0.1	mg/kg	<0.1	2.5 mg/kg	100	83.0	111
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QCLot: 7160035)								
EK059G: Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg	<0.1	2.5 mg/kg	99.8	83.2	111
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QCLot: 7160039)								
EK059G: Nitrite + Nitrate as N (Sol.)	----	0.1	mg/kg	<0.1	2.5 mg/kg	99.9	83.2	111
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QCLot: 7160048)								
EK061G: Total Kjeldahl Nitrogen as N	----	20	mg/kg	<20	306 mg/kg	89.3	70.0	130
				<20	2300 mg/kg	104	88.0	112
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QCLot: 7160051)								
EK061G: Total Kjeldahl Nitrogen as N	----	20	mg/kg	<20	306 mg/kg	82.3	70.0	130
				<20	2300 mg/kg	103	88.0	112
EK067G: Total Phosphorus as P by Discrete Analyser (QCLot: 7160047)								
EK067G: Total Phosphorus as P	----	2	mg/kg	<2	142 mg/kg	105	70.0	130
				<2	567 mg/kg	96.7	88.0	112



Sub-Matrix: SOIL				Method Blank (MB) Report	Laboratory Control Spike (LCS) Report			
					Spike Concentration	Spike Recovery (%) LCS	Acceptable Limits (%) Low High	
Method: <i>Compound</i>	CAS Number	LOR	Unit	Result				
EK067G: Total Phosphorus as P by Discrete Analyser (QCLot: 7160050)								
EK067G: Total Phosphorus as P	----	2	mg/kg	<2	142 mg/kg	103	70.0	130
				<2	567 mg/kg	90.2	88.0	112
EP004: Organic Matter (QCLot: 7161622)								
EP004: Organic Matter	----	0.5	%	<0.5	80 %	94.4	83.0	115
EP004: Total Organic Carbon	----	0.5	%	<0.5	46.4 %	94.4	85.0	115
EP004: Organic Matter (QCLot: 7161633)								
EP004: Organic Matter	----	0.5	%	<0.5	80 %	94.4	83.0	115
EP004: Total Organic Carbon	----	0.5	%	<0.5	46.4 %	94.4	85.0	115

Matrix Spike (MS) Report

The quality control term Matrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference.

Sub-Matrix: SOIL				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 7159980)							
EB2600195-004	KCB25-TP7001_0.4-0.5	EG005T: Arsenic	7440-38-2	25 mg/kg	82.6	70.0	130
		EG005T: Cadmium	7440-43-9	50 mg/kg	87.4	70.0	130
		EG005T: Chromium	7440-47-3	50 mg/kg	88.5	70.0	130
		EG005T: Copper	7440-50-8	250 mg/kg	90.6	70.0	130
		EG005T: Lead	7439-92-1	250 mg/kg	87.7	70.0	130
		EG005T: Nickel	7440-02-0	50 mg/kg	88.7	70.0	130
		EG005T: Zinc	7440-66-6	250 mg/kg	85.9	70.0	130
EG005(ED093)T: Total Metals by ICP-AES (QCLot: 7159981)							
EB2600195-064	KCB25-TP7011_0.6-0.7	EG005T: Arsenic	7440-38-2	25 mg/kg	111	70.0	130
		EG005T: Cadmium	7440-43-9	50 mg/kg	90.5	70.0	130
		EG005T: Chromium	7440-47-3	50 mg/kg	92.6	70.0	130
		EG005T: Copper	7440-50-8	250 mg/kg	95.3	70.0	130
		EG005T: Lead	7439-92-1	250 mg/kg	90.6	70.0	130
		EG005T: Nickel	7440-02-0	50 mg/kg	93.1	70.0	130
		EG005T: Zinc	7440-66-6	250 mg/kg	89.1	70.0	130
EG035T: Total Recoverable Mercury by FIMS (QCLot: 7159979)							
EB2600195-004	KCB25-TP7001_0.4-0.5	EG035T: Mercury	7439-97-6	0.5 mg/kg	84.6	70.0	130
EG035T: Total Recoverable Mercury by FIMS (QCLot: 7159982)							
EB2600195-064	KCB25-TP7011_0.6-0.7	EG035T: Mercury	7439-97-6	0.5 mg/kg	94.0	70.0	130

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 Client : KCB AUSTRALIA PTY LTD
 Project : 01D09135A95 - OTML Lowlands FS: Ok Birim ESIA Soil Sampling



Sub-Matrix: SOIL				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Acceptable Limits (%)	
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
EK055: Ammonia as N (QCLot: 7175034)							
EB2600195-003	KCB25-TP7001_0.2-0.3	EK055: Ammonia as N	7664-41-7	125 mg/kg	83.5	70.0	130
EK055: Ammonia as N (QCLot: 7178778)							
EB2600195-033	KCB25-TP7006_0.2-0.3	EK055: Ammonia as N	7664-41-7	125 mg/kg	81.3	70.0	130
EK057G: Nitrite as N by Discrete Analyser (QCLot: 7160036)							
EB2600195-004	KCB25-TP7001_0.4-0.5	EK057G: Nitrite as N (Sol.)	14797-65-0	2.5 mg/kg	93.3	70.0	130
EK057G: Nitrite as N by Discrete Analyser (QCLot: 7160040)							
EB2600195-064	KCB25-TP7011_0.6-0.7	EK057G: Nitrite as N (Sol.)	14797-65-0	2.5 mg/kg	92.6	70.0	130
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QCLot: 7160035)							
EB2600195-004	KCB25-TP7001_0.4-0.5	EK059G: Nitrite + Nitrate as N (Sol.)	----	2.5 mg/kg	103	70.0	130
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QCLot: 7160039)							
EB2600195-064	KCB25-TP7011_0.6-0.7	EK059G: Nitrite + Nitrate as N (Sol.)	----	2.5 mg/kg	106	70.0	130
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QCLot: 7160048)							
EB2600195-004	KCB25-TP7001_0.4-0.5	EK061G: Total Kjeldahl Nitrogen as N	----	500 mg/kg	76.1	70.0	130
EK061G: Total Kjeldahl Nitrogen By Discrete Analyser (QCLot: 7160051)							
EB2600195-051	KCB25-TP7009_0.2-0.3	EK061G: Total Kjeldahl Nitrogen as N	----	500 mg/kg	# 66.3	70.0	130
EK067G: Total Phosphorus as P by Discrete Analyser (QCLot: 7160047)							
EB2600195-004	KCB25-TP7001_0.4-0.5	EK067G: Total Phosphorus as P	----	100 mg/kg	98.3	70.0	130
EK067G: Total Phosphorus as P by Discrete Analyser (QCLot: 7160050)							
EB2600195-051	KCB25-TP7009_0.2-0.3	EK067G: Total Phosphorus as P	----	100 mg/kg	# 30.6	70.0	130
EP004: Organic Matter (QCLot: 7161622)							
EB2600195-004	KCB25-TP7001_0.4-0.5	EP004: Organic Matter	----	1.6 %	83.8	70.0	130
		EP004: Total Organic Carbon	----	0.928 %	83.8	70.0	130
EP004: Organic Matter (QCLot: 7161633)							
EB2600195-057	KCB25-TP7010_0.2-0.3	EP004: Organic Matter	----	1.6 %	88.8	70.0	130
		EP004: Total Organic Carbon	----	0.928 %	88.5	70.0	130

APPENDIX VI

Maps of Soil Background Levels





























