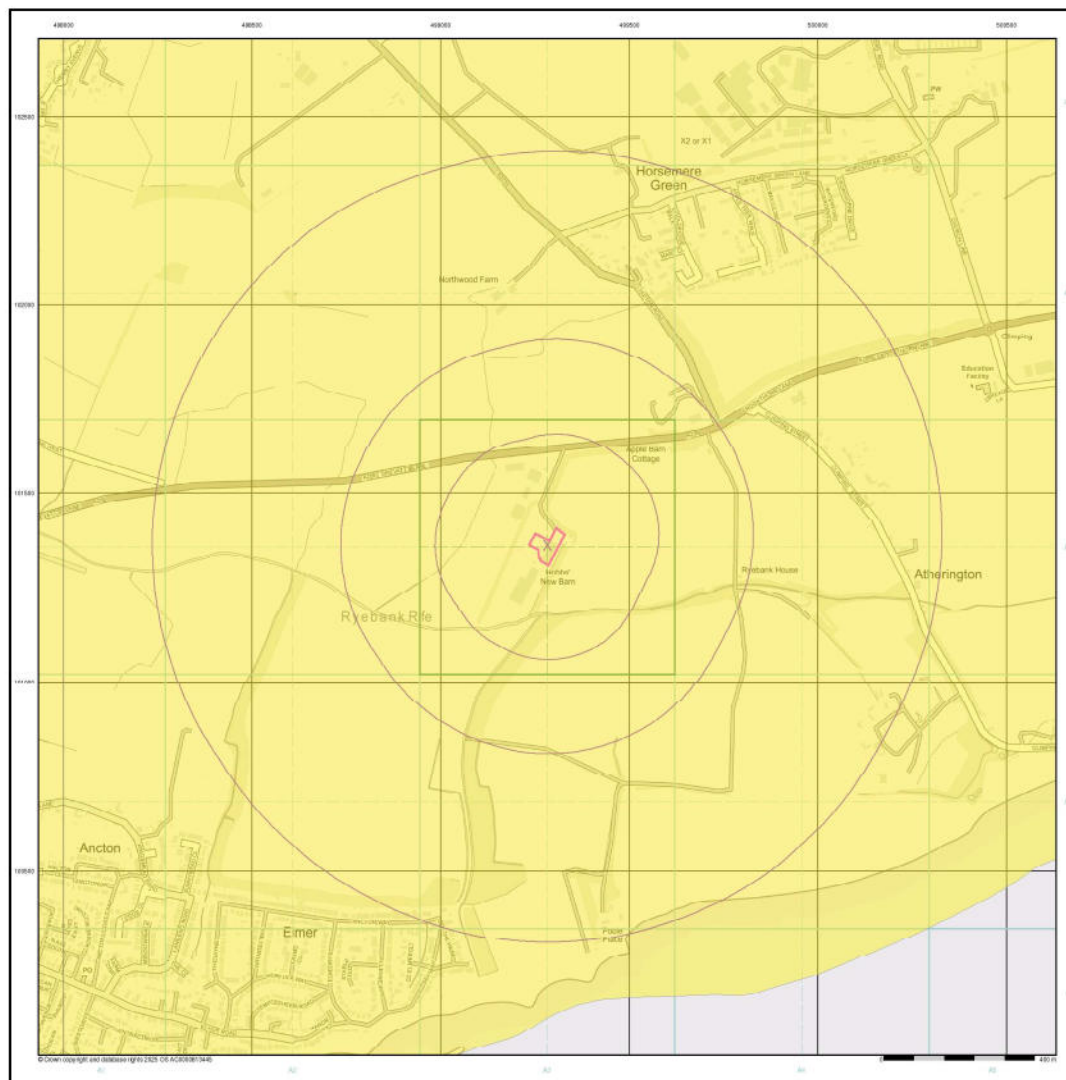
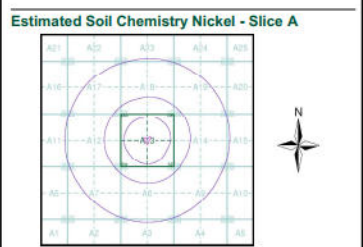
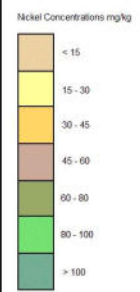




General
○ Specified Site ○ Specified Buffer(s) X Shoring Reference Point
Estimated Soil Chemistry Nickel



Order Details
Order Details: 383861238_1_1
Customer Ref: JT0642_ML
National Grid Reference: 499280, 101360
Slice: A
Site Area (Ha): 0.43
Search Buffer (m): 1000
Site Details
Site at 499290, 101360

APPENDIX E

**Risk Assessment Criteria –
CIRIA C552**



**Classification of consequence, probability and risk, based on CIRIA C552 Contaminated Land Risk Assessment –
A Guide to Good Practice (London 2001)**

Classification of Consequences

Score	Classification	Definition
1	Minor	Harm, although not necessarily significant, which may result in financial loss, or expenditure to resolve. No permanent effect to human health. Easily repairable effects of damage to buildings, structures and services.
2	Mild	Pollution of non-sensitive water resources. Significant damage to crops, buildings (e.g. making it unsafe to occupy), structures and services. Damage to sensitive buildings, structures, services or the environment.
3	Medium	Significant harm to human health – the concentrations of contaminants are above the generic assessment criteria or site specific assessment criteria. Pollution of sensitive water resources – leaching to a major or minor aquifer. Significant changes in a particular ecosystem or organism forming part of such an ecosystem (death of a species within a designated nature reserve).
4	Severe	Short term (acute) risk to human health, likely to result in 'significant harm'. Short term risk of pollution of a sensitive water resource. Catastrophic damage to buildings and property. A short term risk to a particular ecosystem or organism forming part of such an ecosystem.

Classification of Probability

Score	Classification	Definition
1	Unlikely	There is a pollution linkage but circumstances are such that it is improbable that an event could occur.
2	Low Likelihood	There is a pollutant linkage and circumstances are possible under which an event could occur. However, it is by no means certain, even over a long period, such an event would take place, and it is less likely in the short term.
3	Likely	There is a pollutant linkage and all elements are present and in the right place, which means it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term, and likely over the longer term.
4	Highly Likely	There is a pollutant linkage and an event that either appears very likely in the short term and almost inevitable over the long term, or there is evidence at the receptor of harm or pollution.

Classification of Risks & Likely Required Action

		Consequence			
		Minor 1	Mild 2	Medium 3	Severe 4
Probability	Highly Likely 4	Moderate/Low Risk	Moderate Risk	High Risk	Very High Risk
	Likely 3	Low Risk	Moderate/Low Risk	Moderate Risk	High Risk
	Low Likelihood 2	Very Low Risk	Low Risk	Moderate/Low Risk	Moderate Risk
	Unlikely 1	Very Low Risk	Very Low Risk	Low Risk	Moderate/Low Risk

Score	Risk	Classification	Likely Action Required
1 – 3	Very Low Risk	There is a low possibility that harm could arise to a receptor. If harm does arise, it is likely to be mild.	Action unlikely to be required.
3 – 6	Low Risk	Harm to a designated receptor could arise from an identified hazard. However, it is likely the harm would be mild.	Action may be required.
8 – 9	Moderate Risk	Harm to a designated receptor from an identified hazard is possible. However, it is relatively unlikely harm would be severe, or any harm to occur would be relatively mild.	Investigation is required to clarify the risk/s. Remediation may be required in the longer term.
12	High Risk	Harm is likely to arise to a receptor/s from an identified risk. The consequences of the risk would likely be substantial.	Investigation is required in the short term. Remediation work may be necessary in the short term, but likely in the long term.
16	Very High Risk	A high probability that severe harm has already happened. The consequences of the risk would be substantial.	Immediate action, urgent investigation and/or remediation is required.



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