

Sirius Minerals

**York Potash**

Discharge of Planning Condition  
NYMNPA 64 - Temporary  
Boundary Treatment

REP-P10-DNF-PLN-001

Rev 0 | 19 December 2016

This report takes into account the particular instructions and requirements of our client.

It is not intended for and should not be relied upon by any third party and no responsibility is undertaken to any third party.

Job number 234376-00

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# Document Verification

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<b>Job title</b>		York Potash		<b>Job number</b>	
				234376-00	
<b>Document title</b>		Discharge of Planning Condition NYMNPA 64 - Temporary Boundary Treatment		<b>File reference</b>	
				0-09-15	
<b>Document ref</b>		REP-P10-DNF-PLN-001			
<b>Revision</b>	<b>Date</b>	<b>Filename</b>	REP-P10-DNF-PLN-001 NYMNPA 64 Fencing 161215 RevA.docx		
Rev A	15 Dec 2016	<b>Description</b>	First draft		
			Prepared by	Checked by	Approved by
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		Signature			
Rev 0	19 Dec 2016	<b>Filename</b>	REP-P10-DNF-PLN-001 NYMNPA 64 Fencing 161219 Rev0.docx		
		<b>Description</b>	Issue		
			Prepared by	Checked by	Approved by
		Name	Chris Williams	Andrew Hornung	Andrew Hornung
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		<b>Filename</b>			
		<b>Description</b>			
			Prepared by	Checked by	Approved by
		Name			
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		<b>Filename</b>			
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Issue Document Verification with Document



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Drawing YP-P10-DNF-CX-004

# 1 Introduction

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This document has been prepared on behalf of Sirius Minerals Plc (Sirius Minerals) and provides details of the temporary boundary treatment for the Phase 2 Site Preparation Works (Phase 2 Works) at the Dove's Nest Farm mine site. This is required to discharge condition 64 of the North York Moors National Park Authority planning permission NYM/2014/0676/MEIA.

This note only details the works required at the Doves Nest Farm site.

The Phase 2 Works comprise:

- General site clearance including tree clearance for the welfare road and scrub clearance, as shown on Arup drawing YP-P10-DNF-CX-009;
- Construction of an acoustic fence/environmental barrier and installation of fencing, gates and security, as shown on Arup drawing YP-P10-DNF-CX-004;
- Excavation and construction of the two tiered working platform with a western upper level at around 204m Above Ordnance Datum (AOD) and an eastern lower level at around 200m AOD, as shown on Arup drawing YP-P10-DNF-CX-004;
- Excavation and construction of site roads, as shown on Arup drawing YP-P10-DNF-CX-004;
- Construction of temporary and permanent soil mounds including the environmental screening bund (Bund A) along the western boundary, as shown on Arup drawing YP-P10-DNF-CX-010;
- Construction of surface water drainage, silt removal facility and an attenuation pond with outfall to an existing drain, as shown on Arup drawing YP-P10-DNF-CD-001;
- Construction of a site compound to the east of the welfare access road.

## 2 Compliance with Policy

The wording of planning condition NYMNP 64 and where the necessary material has been provided within the report is set out in the table below:

<b>NYMNP 64</b>	<b>Compliance with Condition 64</b>
Prior to commencement of site preparatory works, full details of the proposed temporary boundary treatment to the Doves Nest Farm site, including any walls or security fences and the timetable to implement them, shall be submitted to and approved in writing by the MPA;	Refer to drawing YP-P10-DNF-CX-004 Dove's Nest Farm Phase 2 Masterplan, and Section 3 for fencing requirements.
The temporary site boundary works shall then be implemented in accordance with the approved details and maintained for the period of construction.	This condition will be adhered to.

## 3 Fencing Requirements

A construction boundary fence will be erected in accordance with drawing YP-P10-DNF-CX-004, Dove's Nest Farm Phase 2 Masterplan.

The construction fencing will ensure that the site is secure and protects the safety of the public from construction activities during the Phase 2 Works. The fencing will remain in place for the full duration of all phases of the construction works at Dove's Nest Farm.

### 3.1 Construction Fencing

Fencing to be erected as part of the Phase 2 Works will comprise:

- Approximately 2.25km of 2.4m high black mesh fence; and
- Approximately 1.3km of 2m high, galvanised steel Heras fencing.

The black mesh fencing will be permanently installed, with solid steel posts concreted into the ground and with the top of the posts being level with the top of the fence. An illustrative image of the fencing to be used is shown in Figure 1.

Areas of the site that will not be disturbed during the Phase 2 Works will be secured with temporary Heras fencing, as described in Section 3.2. The temporary fencing will be replaced by permanent fencing during subsequent phases.



Figure 1: Illustrative Mesh Fence

Where gates are to be provided within the fence line, these will be of a similar specification and detail. Black metal gate posts will be installed in accordance with the manufacturer's details. Locations of these are detailed on drawing YP-P10-DNF-CX-004, Dove's Nest Farm Phase 2 Masterplan and will form double leaf hinged gates.

### 3.2 Temporary Heras Fencing

As outlined in Section 3.1, where temporary fencing is to be provided, this will consist of 2m high galvanised steel Heras fencing as illustrated in Figure 2.



Figure 2: Illustrative Temporary Heras Fencing

### 3.3 Acoustic Fencing / Environment Barrier

Acoustic fencing will be provided along the western side of the platform adjacent to the existing wooded area. This will be provided for an approximate length of 300 metres, as detailed on drawing YP-P10-DNF-CX-004 Dove's Nest Farm Phase 2 Masterplan. This will consist of a 3m high, wooden, close boarded fence fixed on wooden posts to the chosen manufacturer's requirements. The fence will not be painted. An example of an acoustic fence can be seen in Figure 3 below.



Figure 3: Illustrative Acoustic Fence / Environmental Barrier

### 3.4 Fencing Maintenance

All fencing will be checked frequently to ensure no breaches/damage has occurred. If any breach/damage is discovered, it will be reported immediately and measures taken to secure the site boundary. Any necessary repairs will be carried out by a fencing contractor. If a fencing contractor is unable to get to site on the day, a temporary repair will be carried out by the site team to provide the necessary security until a permanent repair can be carried out.

## 4 Programme of Works

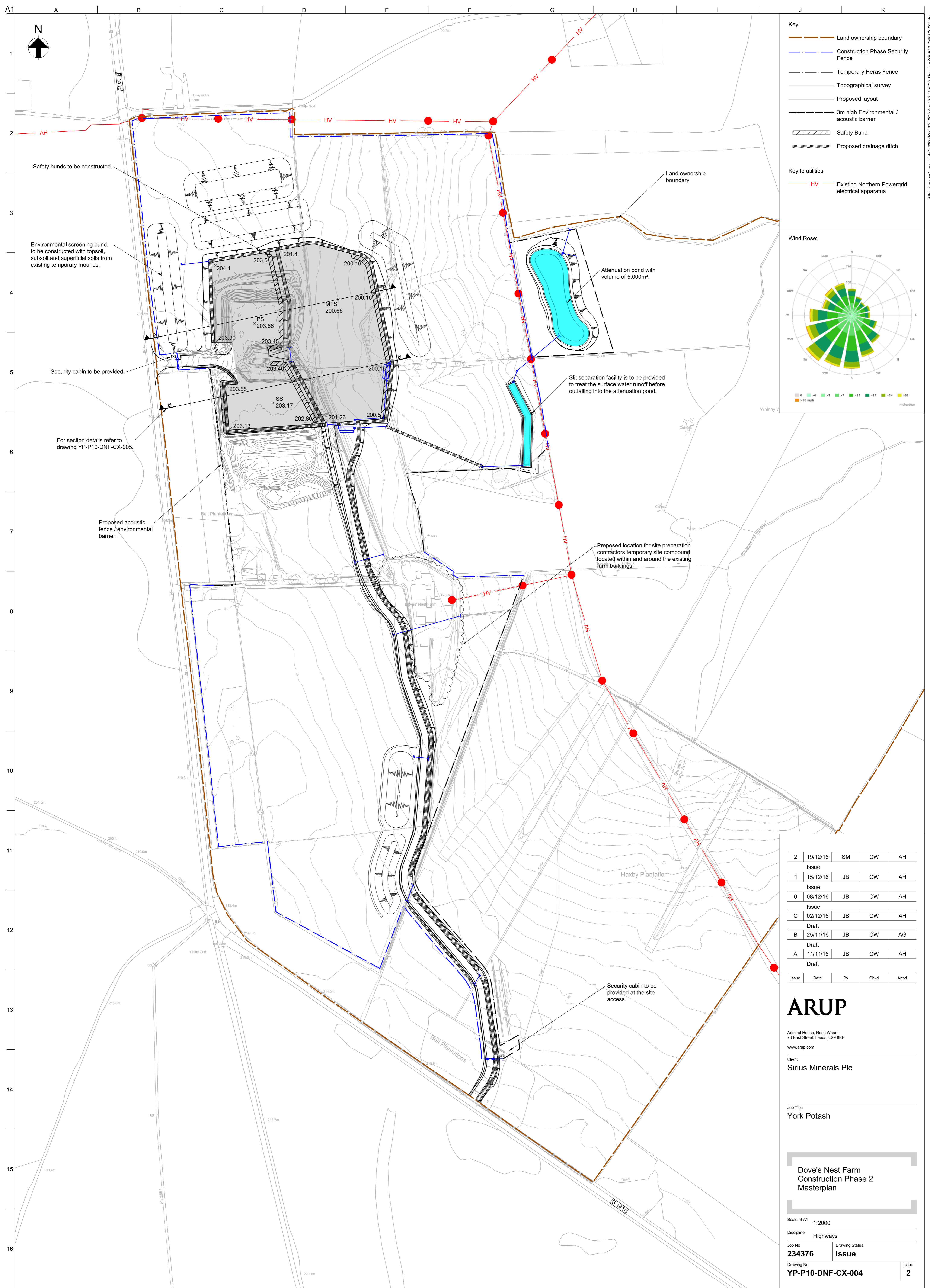
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Erection of the fencing will commence on commencement of the Phase 2 Works, and will be the first activity to begin on site. Erection of the fencing shown on drawing YP-P10-DNF-CX-004 will take approximately seven weeks.

## Appendix A

Drawing YP-P10-DNF-CX-004



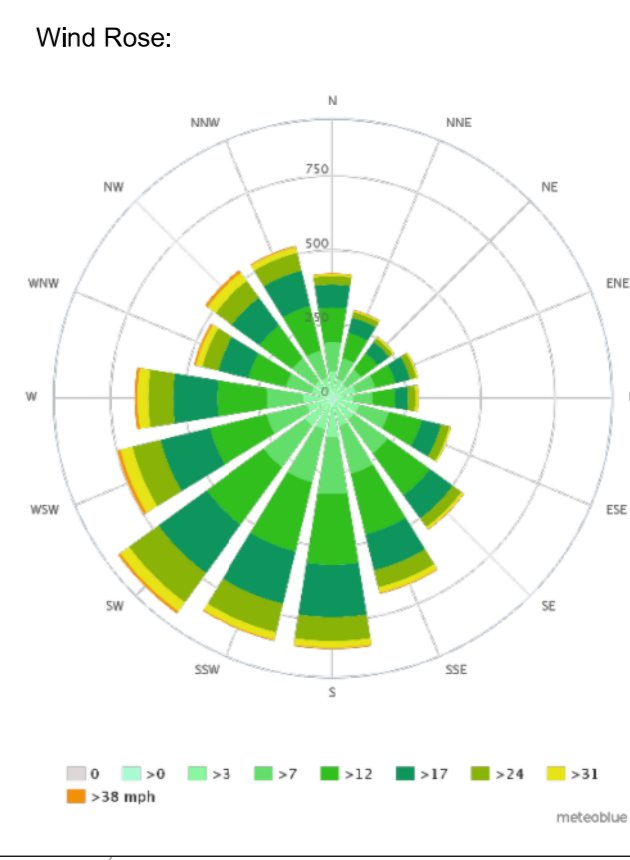


**Key:**

- Land ownership boundary
- Construction Phase Security Fence
- Temporary Heras Fence
- Topographical survey
- Proposed layout
- 3m high Environmental / acoustic barrier
- Safety Bund
- Proposed drainage ditch

**Key to utilities:**

- HV Existing Northern Powergrid electrical apparatus



Safety bunds to be constructed.

Environmental screening bund, to be constructed with topsoil, subsoil and superficial soils from existing temporary mounds.

Security cabin to be provided.

For section details refer to drawing YP-P10-DNF-CX-005.

Proposed acoustic fence / environmental barrier.

Land ownership boundary

Attenuation pond with volume of 5,000m³.

Slit separation facility is to be provided to treat the surface water runoff before outfalling into the attenuation pond.

Proposed location for site preparation contractors temporary site compound located within and around the existing farm buildings.

Security cabin to be provided at the site access.

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A	11/11/16	JB	CW	AH
Draft				
Issue	Date	By	Chkd	Appd

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Client  
**Sirius Minerals Plc**

Job Title  
**York Potash**

**Dove's Nest Farm  
Construction Phase 2  
Masterplan**

Scale at A1 1:2000

Discipline **Highways**

Job No <b>234376</b>	Drawing Status <b>Issue</b>
Drawing No <b>YP-P10-DNF-CX-004</b>	Issue <b>2</b>