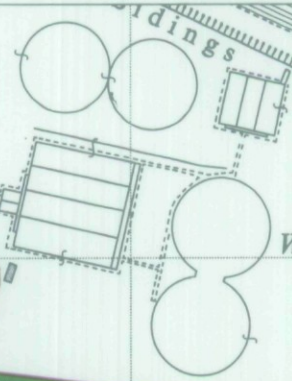


# HAWTHORNE HOUSE

Eden Grange  
2924  
17



Works  
4920  
11-88



Hawthorn House

Trough

1210

1-50

2513  
10-44

2500  
8-21

3800  
4-72

5600  
9-74



Cart Track

415

RH

RH

FP

RH

PCSO

Up

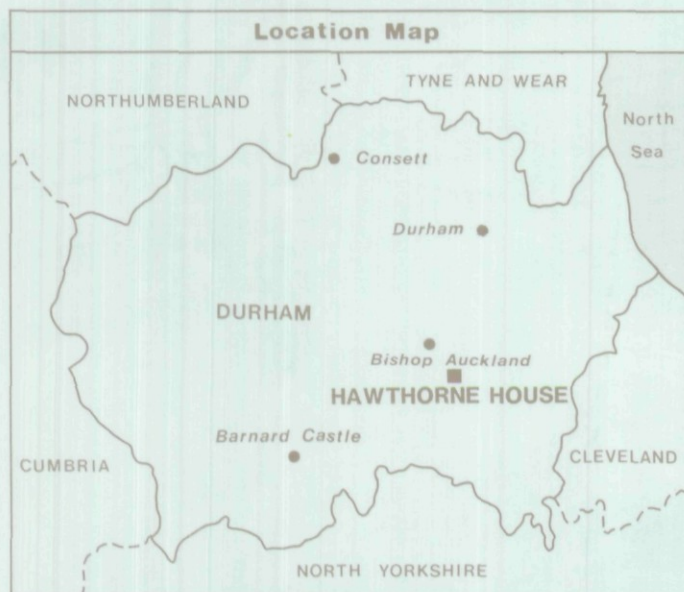


# HAWTHORNE HOUSE

## Proposed Opencast Coal Site

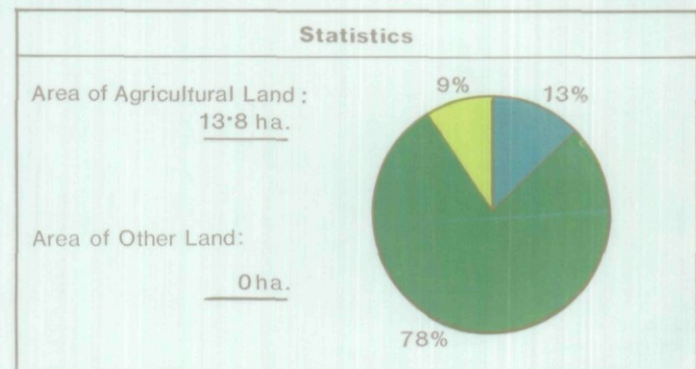
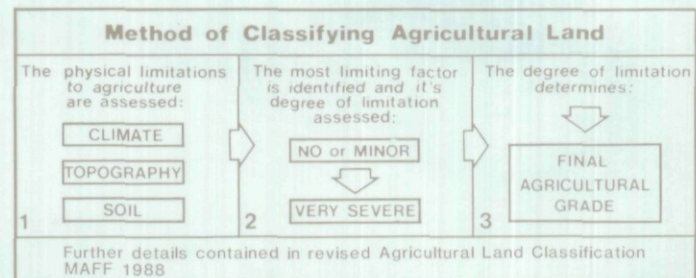
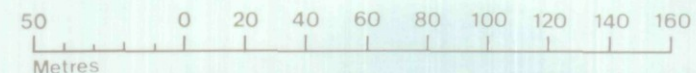
### Agricultural Land Classification

Agricultural Land			
Agricultural Grades	Agricultural Land Quality	Area within the site (ha.)	
Grade 1	<input type="checkbox"/>	<i>Excellent</i>	Nil
Grade 2	<input type="checkbox"/>	<i>Very Good</i>	Nil
Grade 3	<input type="checkbox"/>	<i>Good</i>	1.8
	<input type="checkbox"/>	<i>Moderate</i>	10.8
Grade 4	<input type="checkbox"/>	<i>Poor</i>	1.2
Grade 5	<input type="checkbox"/>	<i>Very Poor</i>	Nil



Land in Other Categories		
		Area within the site (ha.)
Urban <i>Including housing, industry, commerce, derelict land, sports facilities, transport.</i>	<input type="checkbox"/>	Nil
Non-agricultural <i>Including golf courses, parks, sports fields, allotments, airfields.</i>	<input type="checkbox"/>	Nil
Woodland <i>Farm woodland</i>	<input type="checkbox"/>	Nil
<i>Commercial woodland</i>	<input type="checkbox"/>	Nil
Agricultural buildings <i>Including glasshouses</i>	<input type="checkbox"/>	Nil
Open water	<input type="checkbox"/>	Nil
Land not surveyed	<input type="checkbox"/>	Nil

SCALE - 1:2,500



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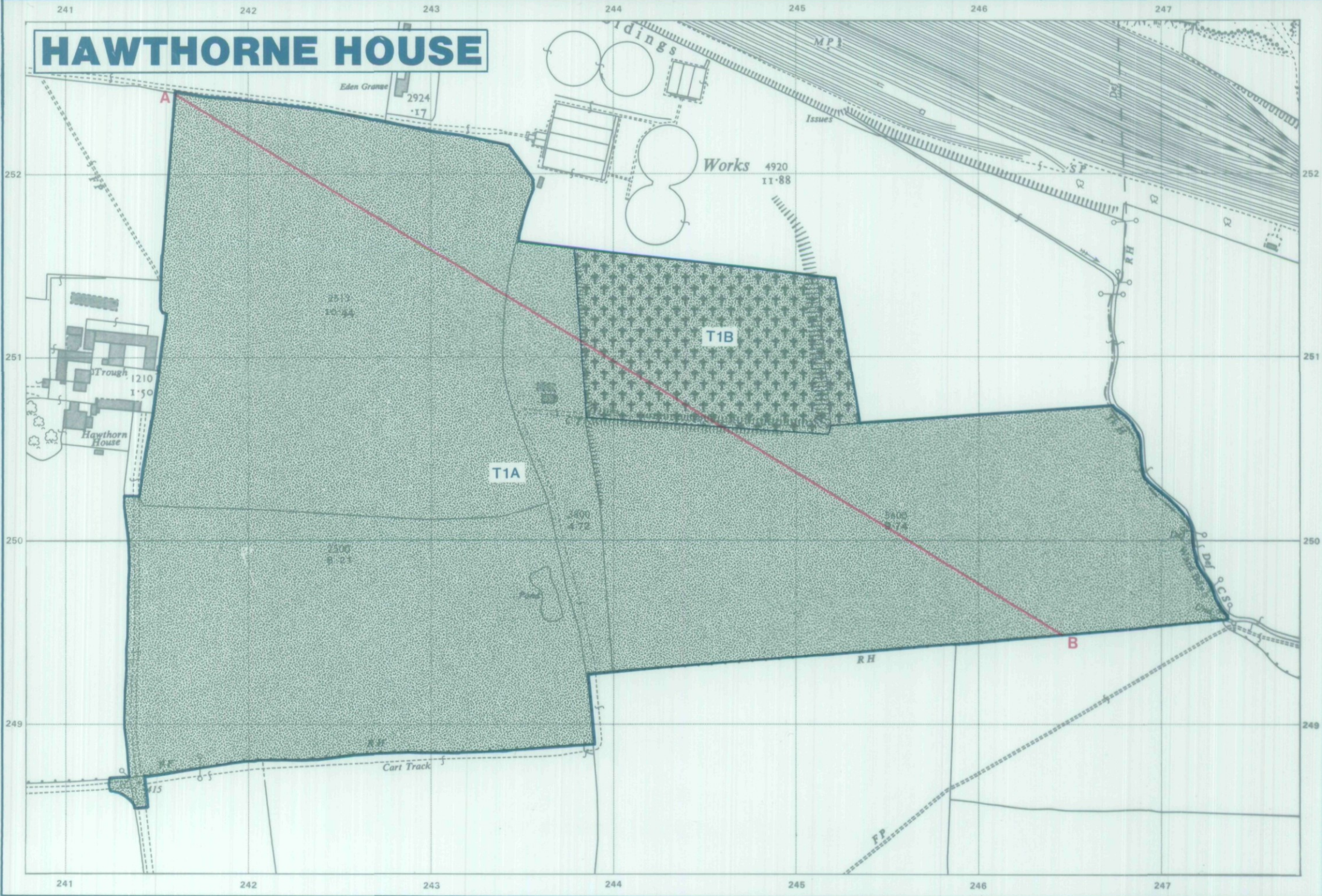
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SOURCE MAPS

1:2,500  
NZ2425-2525

1:2,500  
NZ 2424-2524

# HAWTHORNE HOUSE

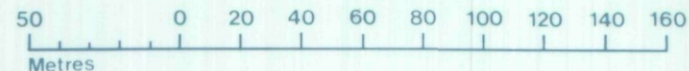


# HAWTHORNE HOUSE

## Proposed Opencast Coal Site

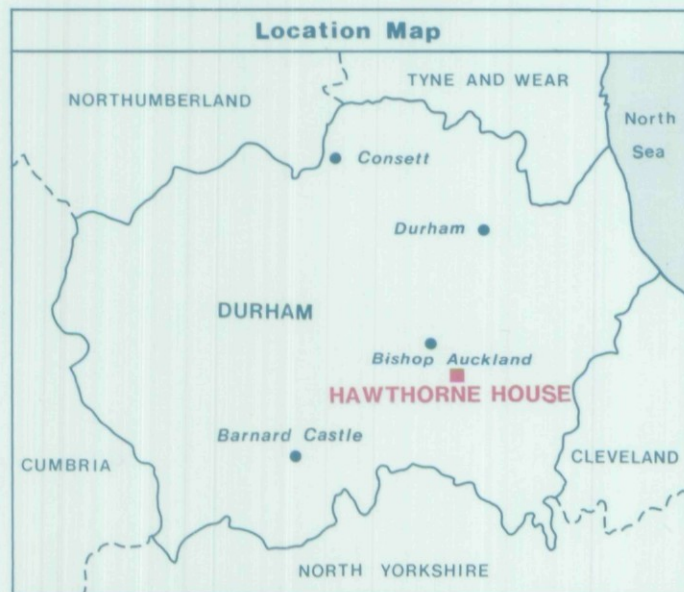
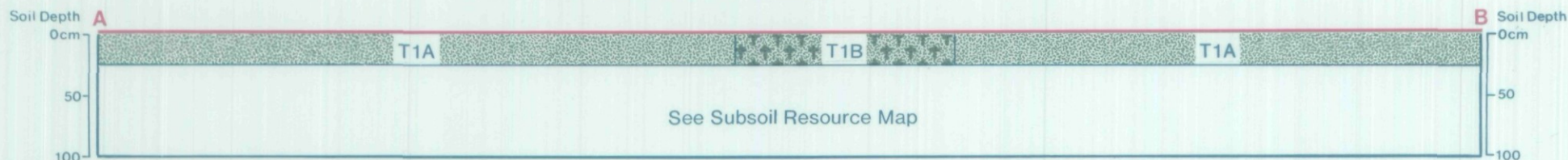
### Topsoil Resource Map

SCALE - 1:2,500



Unit	Soil Texture	Soil Thickness(cm.)			Area (ha.)	Volume* <sup>1</sup> (000m <sup>3</sup> )
		Min.	Mean	Max.		
T1A	Medium	20	25	30	12.6	31.5
T1B	Medium (Toxic)	25	25	25	1.2	3.0

\*<sup>1</sup> Volume at mean unit thickness.



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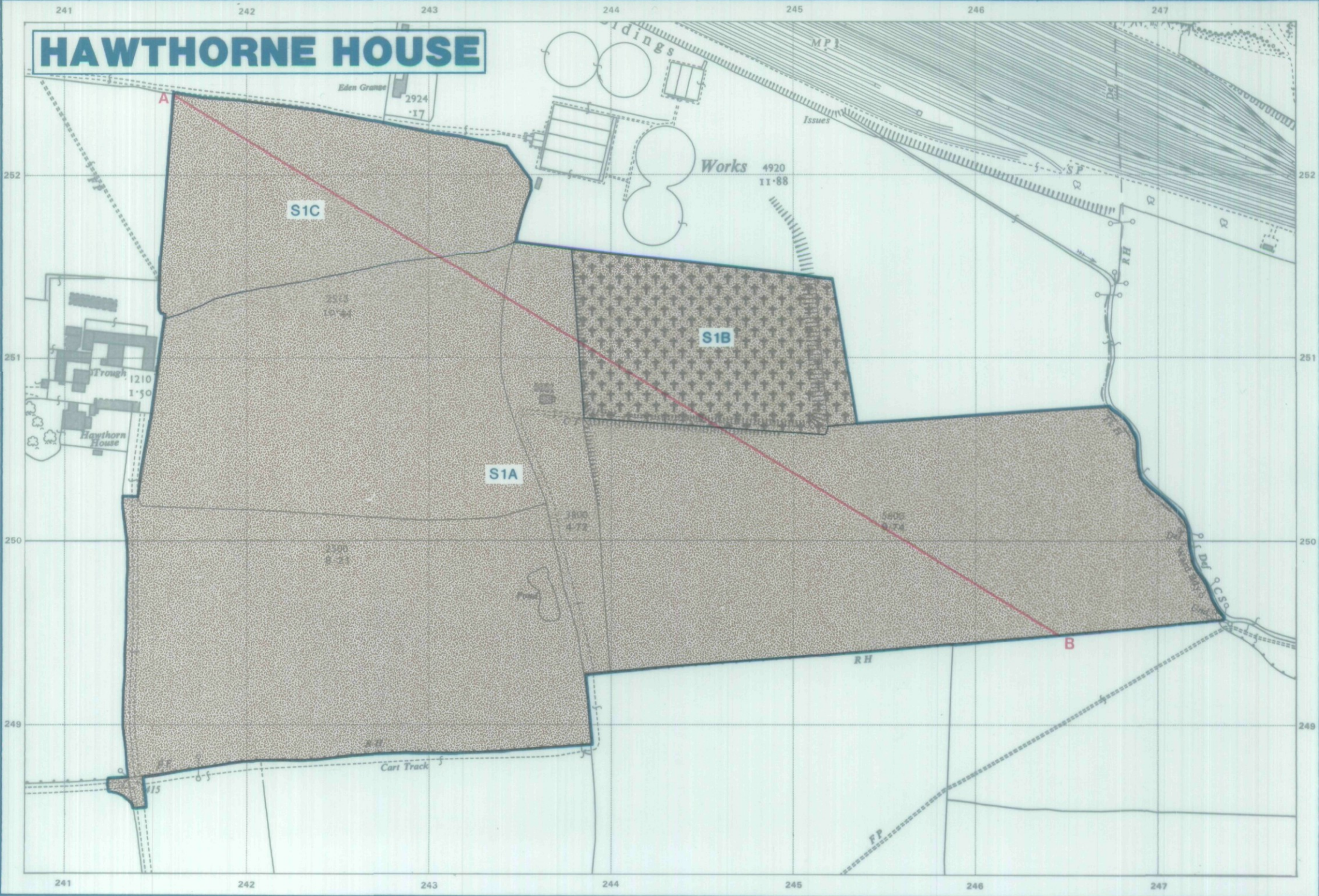
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SOURCE MAPS

1:2,500  
NZ2425-2525

1:2,500  
NZ 2424-2524

# HAWTHORNE HOUSE

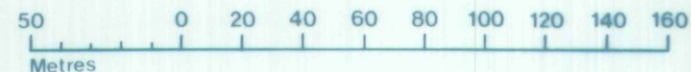


# HAWTHORNE HOUSE

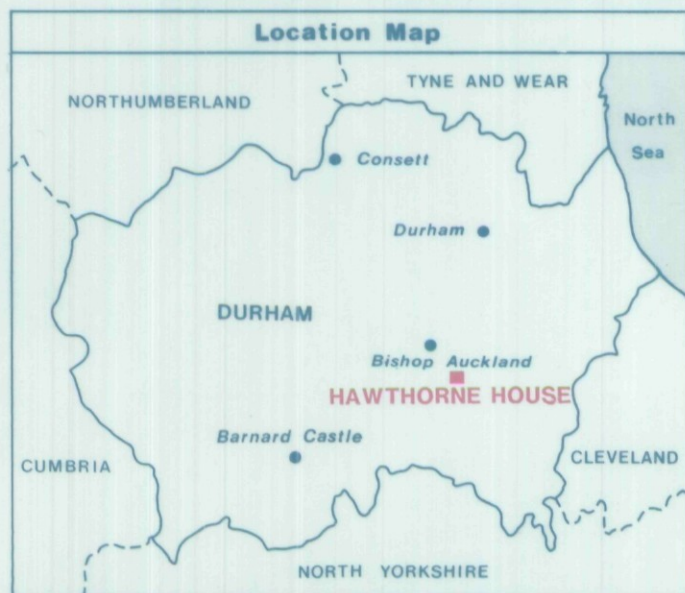
## Proposed Opencast Coal Site

### Subsoil Resource Map

SCALE - 1:2,500



Unit	Soil Texture	Mean Soil Thickness(cm)	Area (ha)	Volume (000m <sup>3</sup> )
S1A	Medium/Heavy	75	10.6	79.5
S1B	Medium/Heavy (Toxic)	75	1.2	9.0
S1C	Medium	35	2.0	7.0



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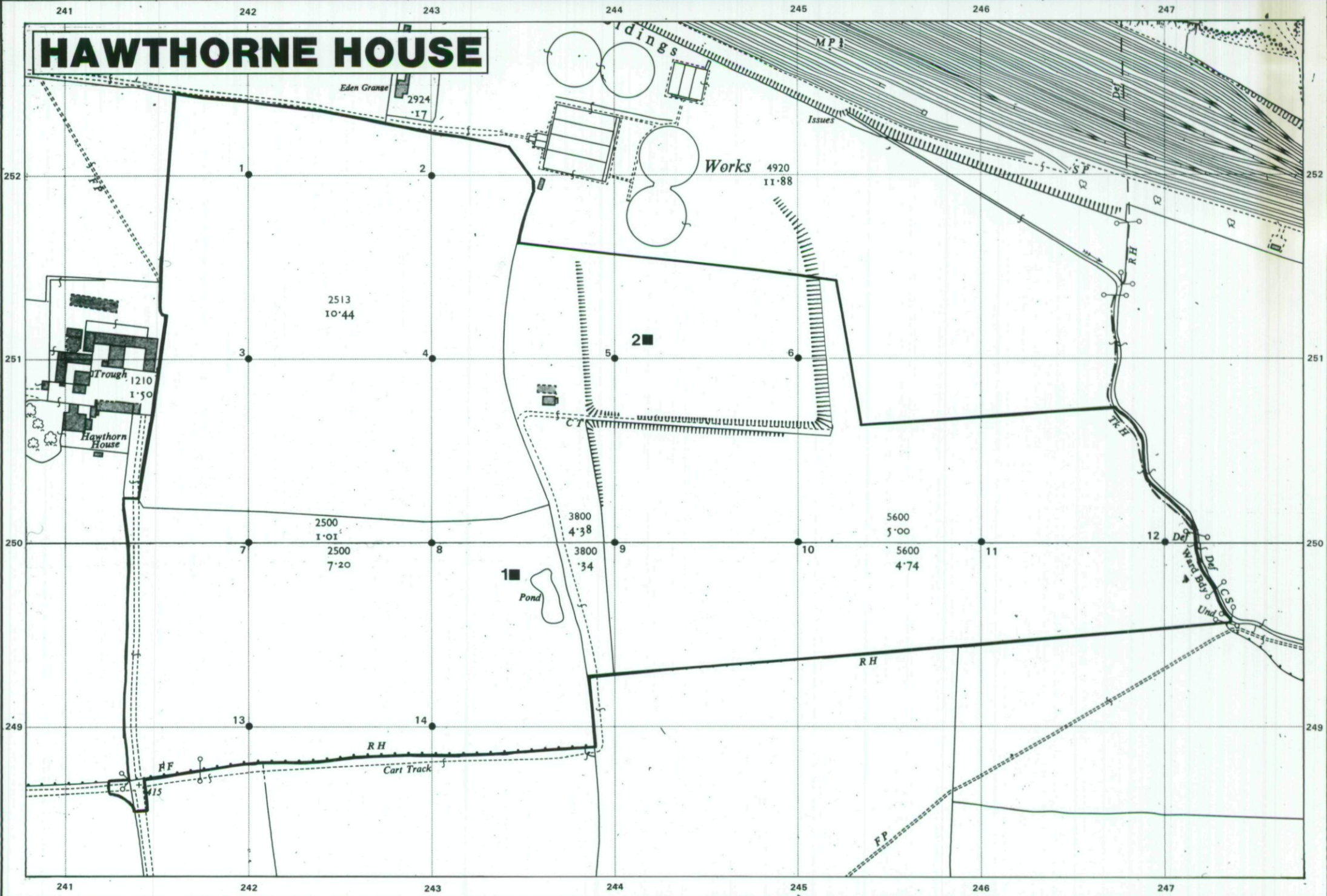
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#### SOURCE MAPS

1:2,500  
NZ 2425 - 2525

1:2,500  
NZ 2424 - 2524

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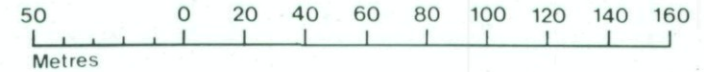


# HAWTHORNE HOUSE

## Proposed Opencast Coal Site

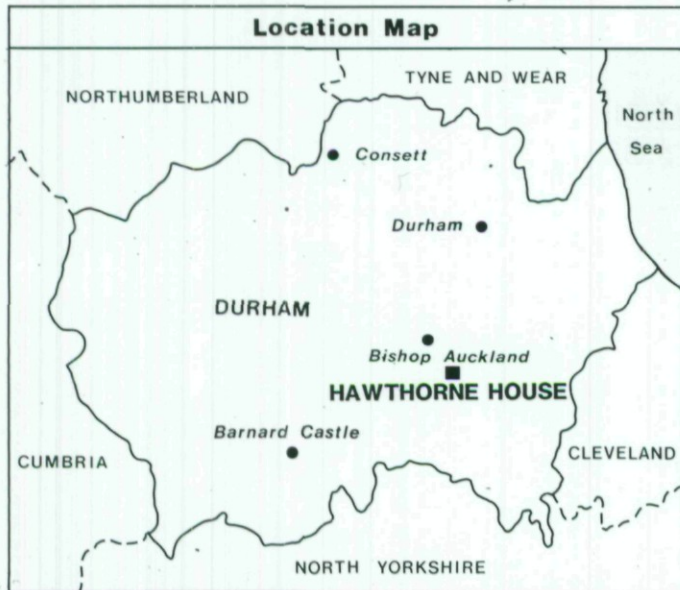
### Agricultural Land Classification

SCALE - 1:2,500



### Location of Soil Auger Borings and Soil Pits

- Soil Auger Borings •
- Soil Pits ■



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NZ 2425 - 2525

1:2,500  
NZ 2424 - 2524