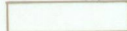

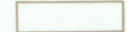

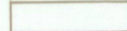
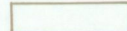
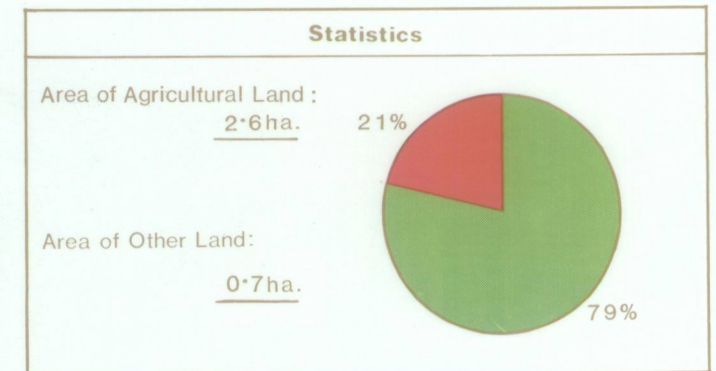
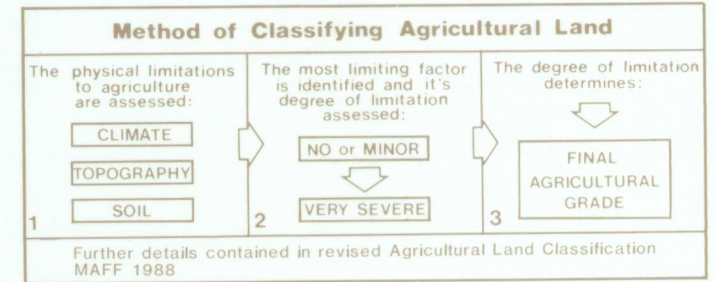
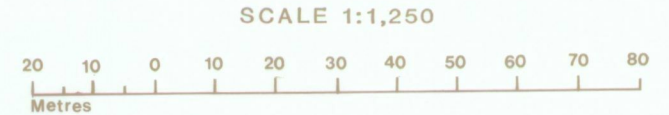


BARNSDALE BAR QUARRY, KIRK SMEATON

Proposed Quarry Extension

Agricultural Land Classification

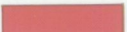
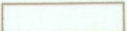
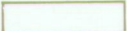




Agricultural Land			
Agricultural Grades		Agricultural Land Quality	Area within the site (ha.)
Grade 1		Excellent	Nil
Grade 2		Very Good	Nil
Grade 3	 Sub-Grade 3a	Good	Nil
	 Sub-Grade 3b	Moderate	2.6
Grade 4		Poor	Nil
Grade 5		Very Poor	Nil



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Land in Other Categories

		Area within the site (ha.)
Urban <i>Including housing, industry, commerce, derelict land, sports facilities, transport.</i>		0.7
Non-agricultural <i>Including golf courses, parks, sports fields, allotments, airfields.</i>		Nil
Woodland <i>Farm woodland</i>		Nil
<i>Commercial woodland</i>		Nil
Agricultural buildings <i>Including glasshouses</i>		Nil
Open water		Nil
Land not surveyed		Nil

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SOURCE MAPS
1:2,500
SE 5014-5114

511

512

513

BARNSDALE BAR QUARRY

148

148

Windhill Plantation

0572

2.14

A hand-drawn map of Windhill Plantation, located on the left side of the main map. It features several stylized tree symbols (some with rounded tops, some with pointed tops) scattered across a white area. The area is bounded by a solid line on the top and right, and a solid line on the bottom. The text 'Windhill Plantation' is written in a bold, sans-serif font. Below it, the numbers '0572' and '2.14' are written. There are also some small letters 'B' and 'Q' scattered around the trees.

147

147

511

512

513

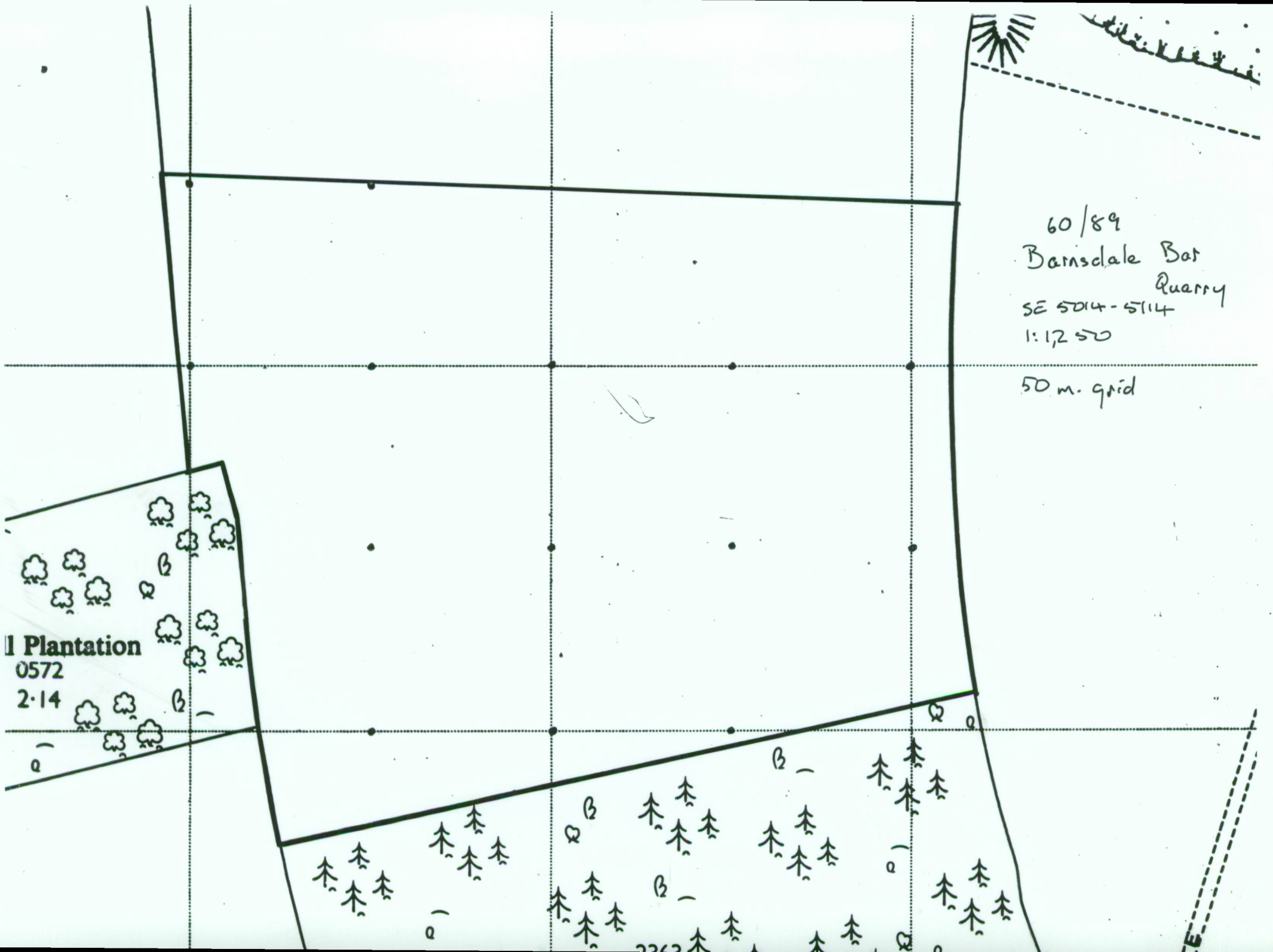
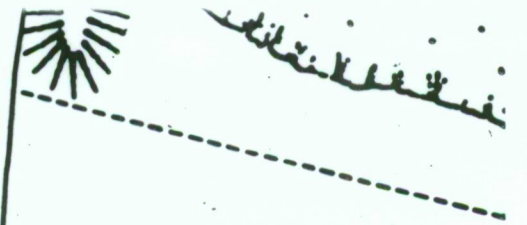
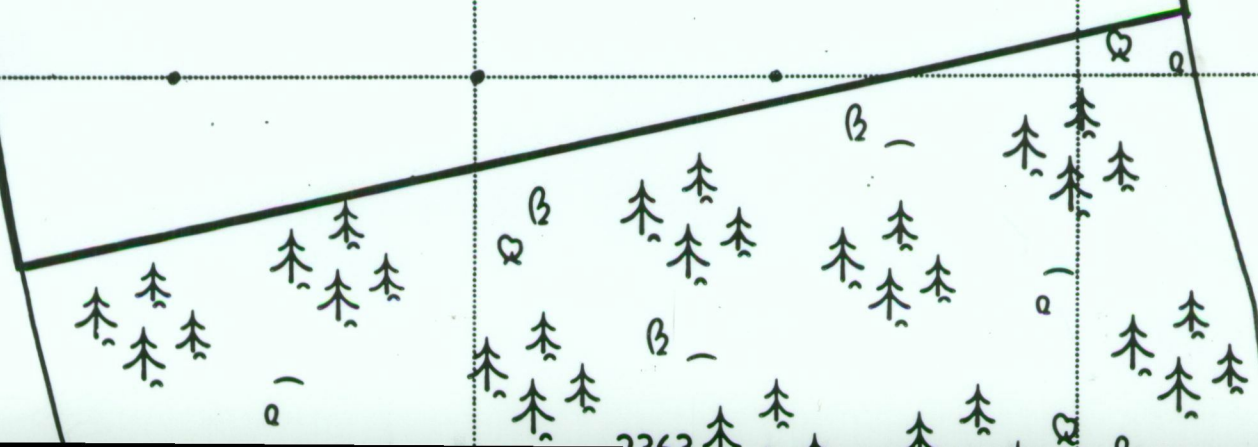
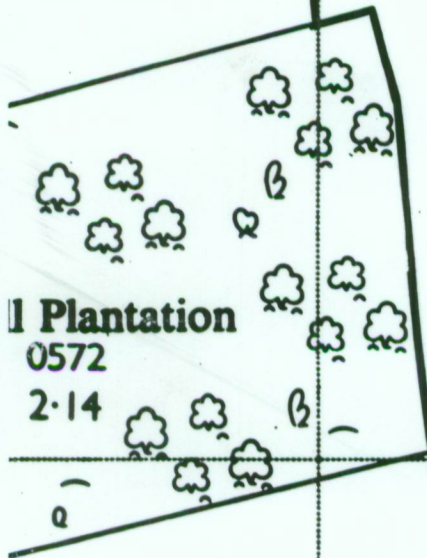
A large green shaded area occupies the upper central portion of the map, extending from approximately x=180 to x=780 and y=140 to y=650. Below this green area is a red shaded area that runs diagonally from the bottom left towards the bottom right, roughly between y=550 and y=850. The map is overlaid with a grid of dotted lines corresponding to the coordinates 511, 512, 513 on the x-axis and 147, 148 on the y-axis.

A hand-drawn map of a plantation area, located in the bottom right quadrant of the main map. It features several stylized tree symbols (some with rounded tops, some with pointed tops) scattered across a white area. The area is bounded by a solid line on the top and right, and a solid line on the bottom. There are also some small letters 'B' and 'Q' scattered around the trees.

60/89
Barnsdale Bar
Quarry
SE 5014-5114
1:1250

50 m. grid

1 Plantation
0572
2-14

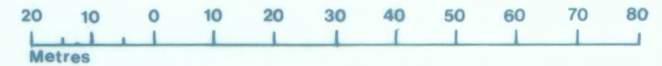


BARNSDALE BAR QUARRY, KIRK SMEATON

Proposed Quarry Extension

Topsoil Resource Map

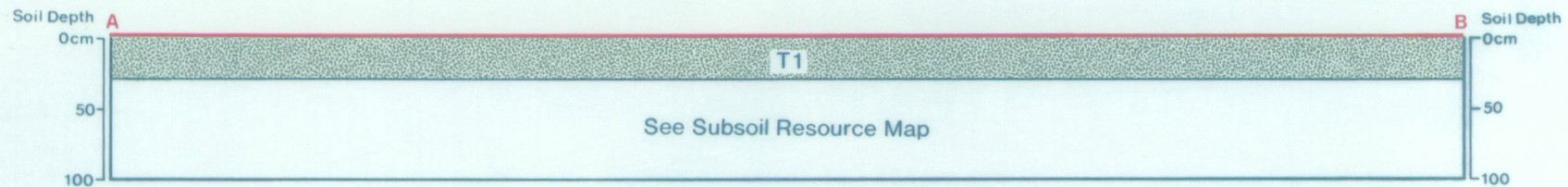
SCALE 1:1,250



Unit	Soil Texture	Soil Thickness(cm) ^{*1}			Area (ha)	Volume ^{*2} (000m ³)
		Min.	Optimum	Max.		
T1	Medium/ Light	26	30	32	2.6	7.8

*¹ Lowest depth at which the unit comprises 90% topsoil, or more.

*² Volume at optimum unit thickness.



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SOURCE MAPS
1:2,500
SE 5014-5114

511

512

513

BARNSDALE BAR QUARRY

148

148

T1

Windhill Plantation

0572

2.14

No soil resources

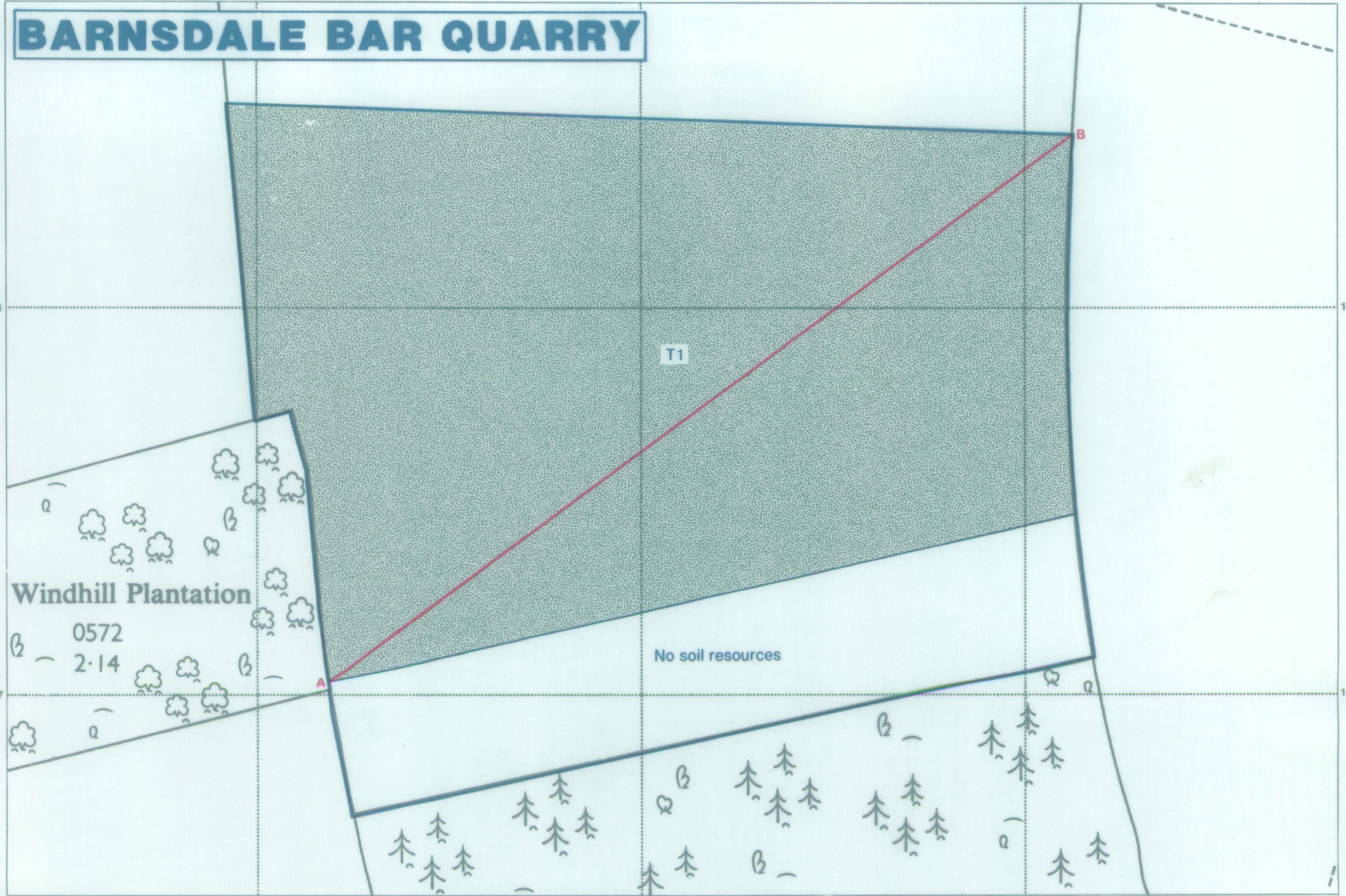
147

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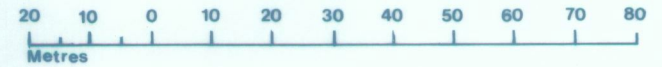


BARNSDALE BAR QUARRY, KIRK SMEATON

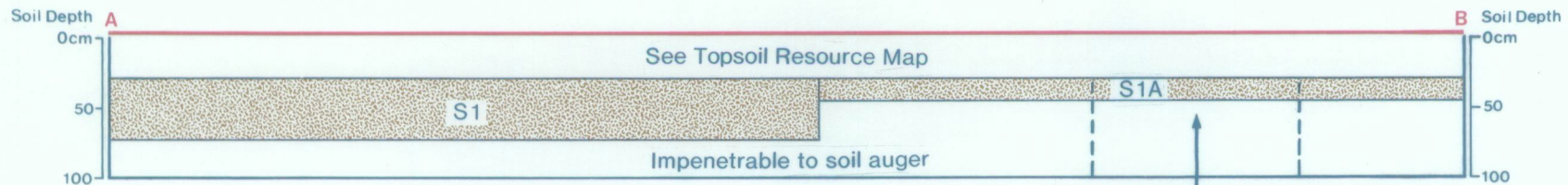
Proposed Quarry Extension

Subsoil Resource Map

SCALE 1:1,250



Unit	Soil Texture	Median soil Thickness(cm)	Area (ha)	Volume (000m ³)
S1	Light/Very Light	45	1.2	5.4
S1A	Light/Very Light	15	1.4	2.1



Area containing deeper,
light textured, subsoil
(too small to identify separately)



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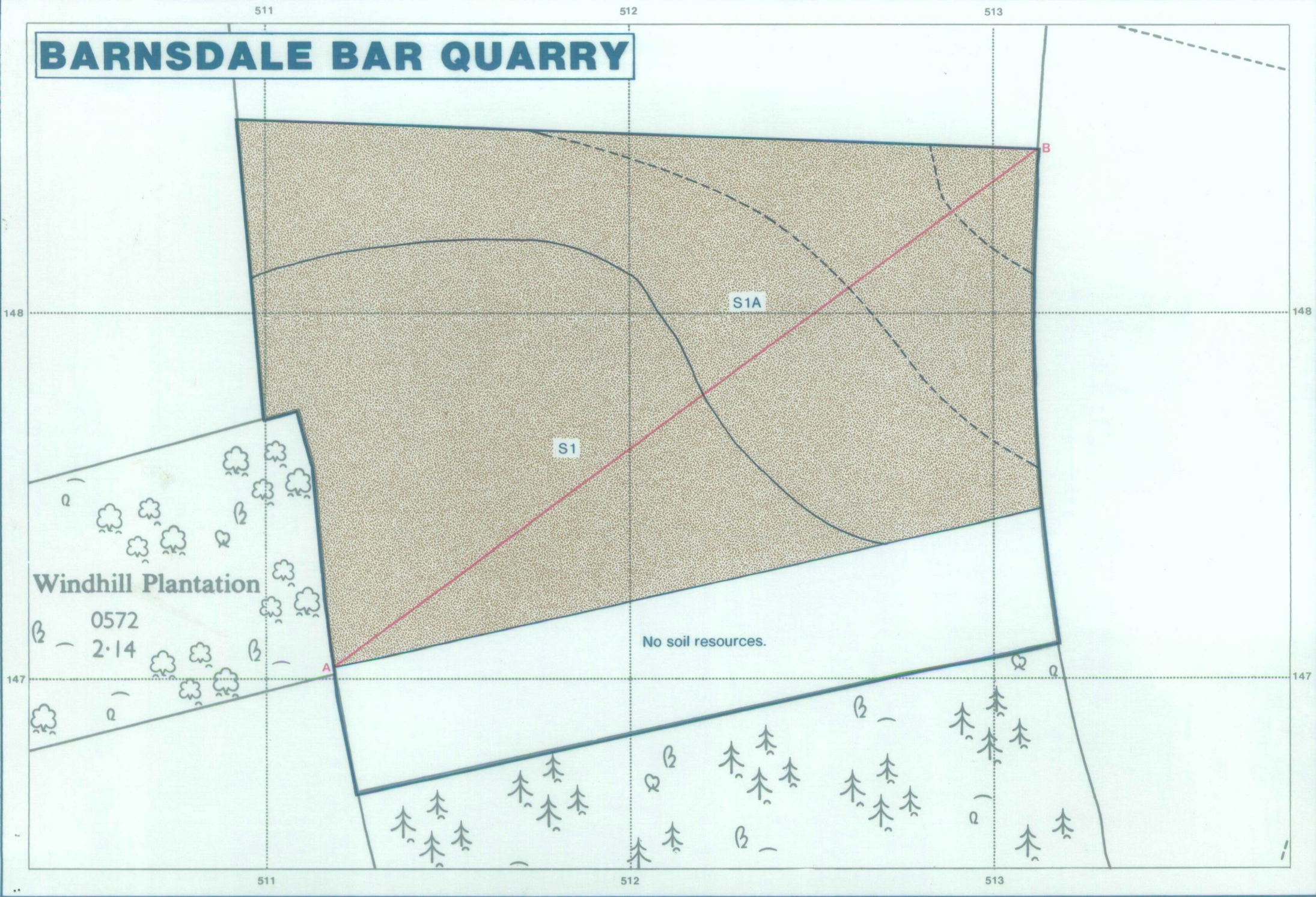
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SOURCE MAPS

1:2,500

SE 5014-5114

BARNSDALE BAR QUARRY



Windhill Plantation

0572

2.14

S1

S1A

No soil resources.

511

512

513

148

148

147

147

511

512

513