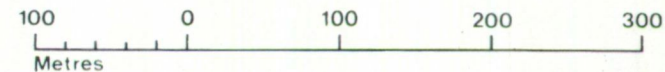


TRANWELL FARM MORPETH

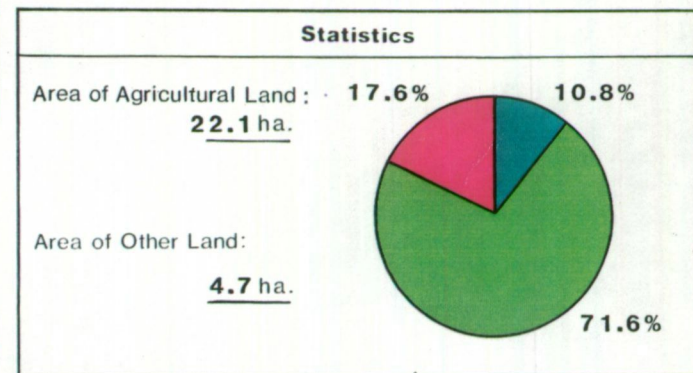
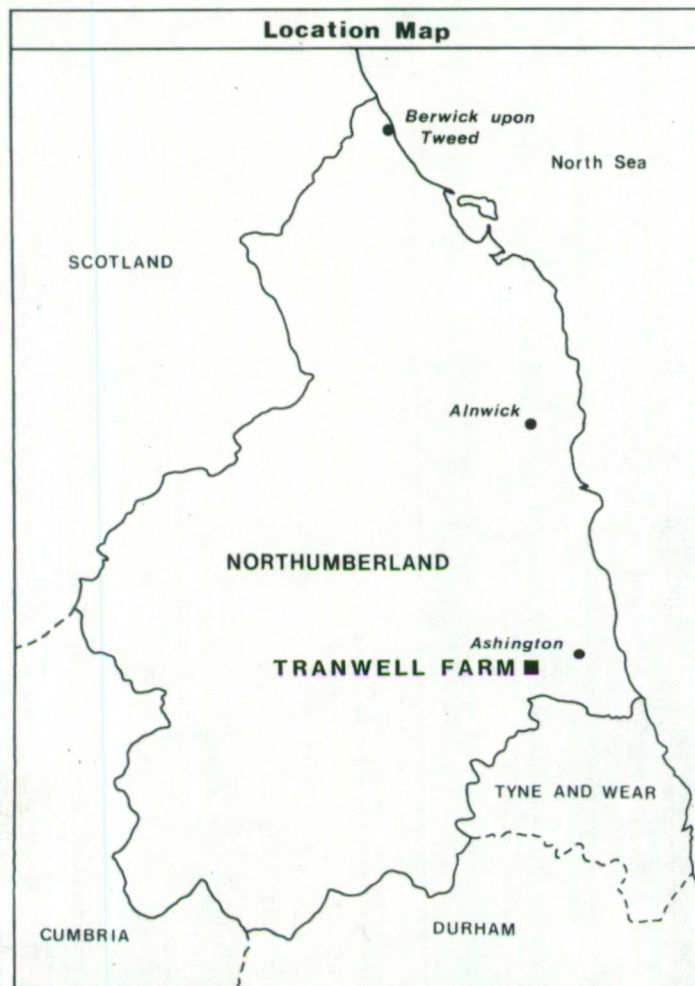
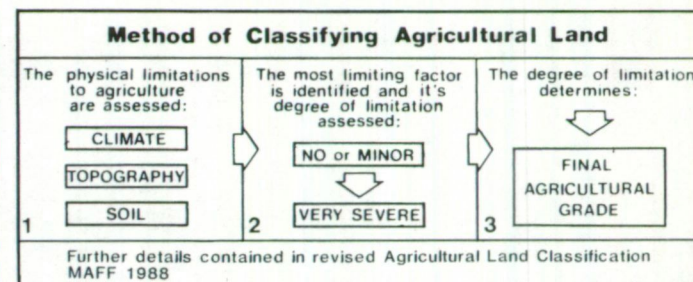
Agricultural Land Classification

SCALE - 1:5,000

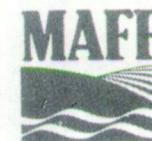


Proposed Opencast Coal Site

Agricultural Land			
Agricultural Grades		Agricultural Land Quality	Area within the site (ha.)
Grade 1		Excellent	Nil
Grade 2		Very Good	Nil
Grade 3		Good	2.9
		Moderate	
Grade 4		Poor	Nil
Grade 5		Very Poor	Nil



Land in Other Categories		
		Area within the site (ha.)
Urban <i>Including housing, industry, commerce, derelict land, sports facilities, transport.</i>		4.7
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



Ministry of Agriculture,
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SOURCE MAPS

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NZ 18 SE

TRANWELL FARM

Pump House

Newholm

Tranwell Farm

Tranwell House

Ash Grove House

Commongate Plantation

Catch Burn

Track

Ford

Tranwell Reservoirs (disused)

83

83

97m

87m

80m

85m

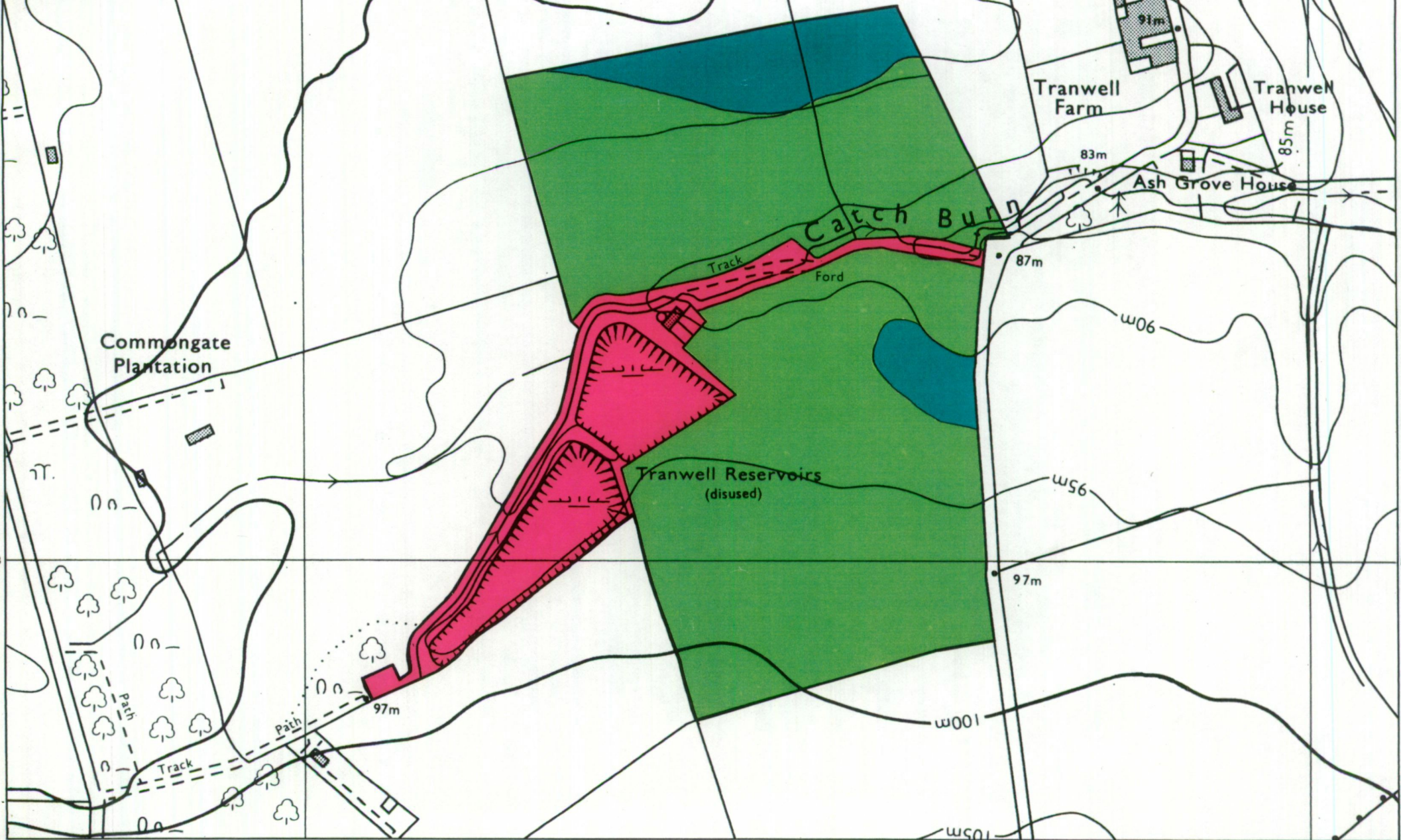
83m

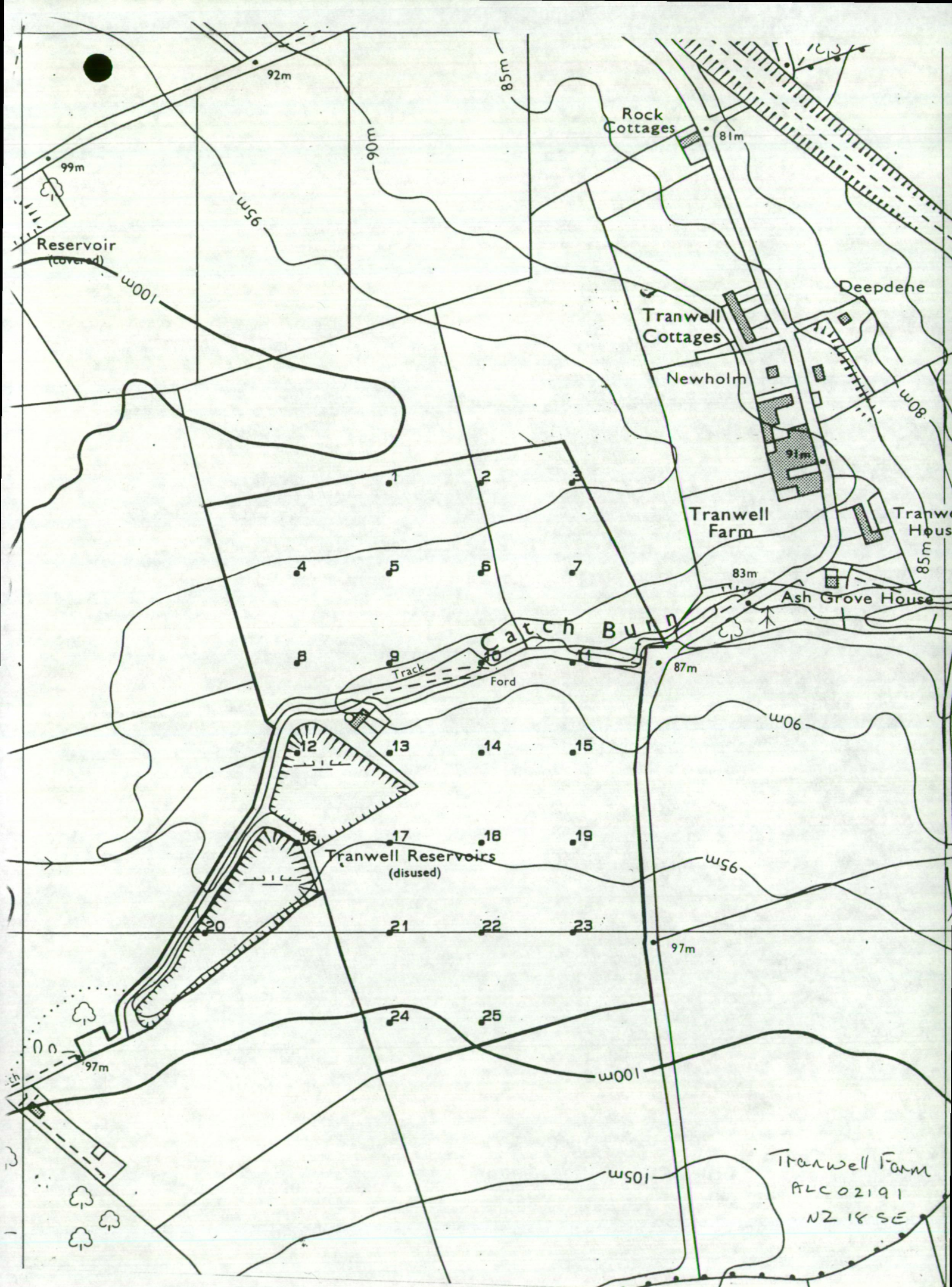
95m

97m

100m

105m





Reservoir
(covered)

Rock
Cottages

Tranwell
Cottages

Newholm

Tranwell
Farm

Tranwell
House

Ash Grove House

Tranwell Reservoirs
(disused)

Catch Burn

Track

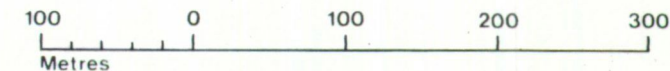
Ford

Tranwell Farm
ALC02191
NZ 18 SE

TRANWELL FARM Topsoil Resource Map

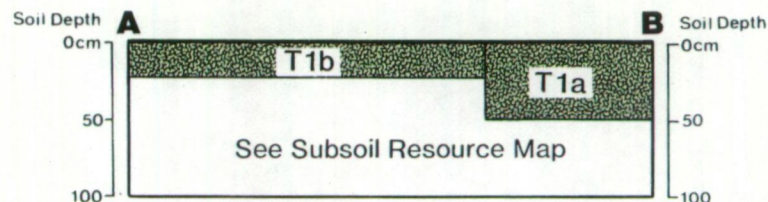
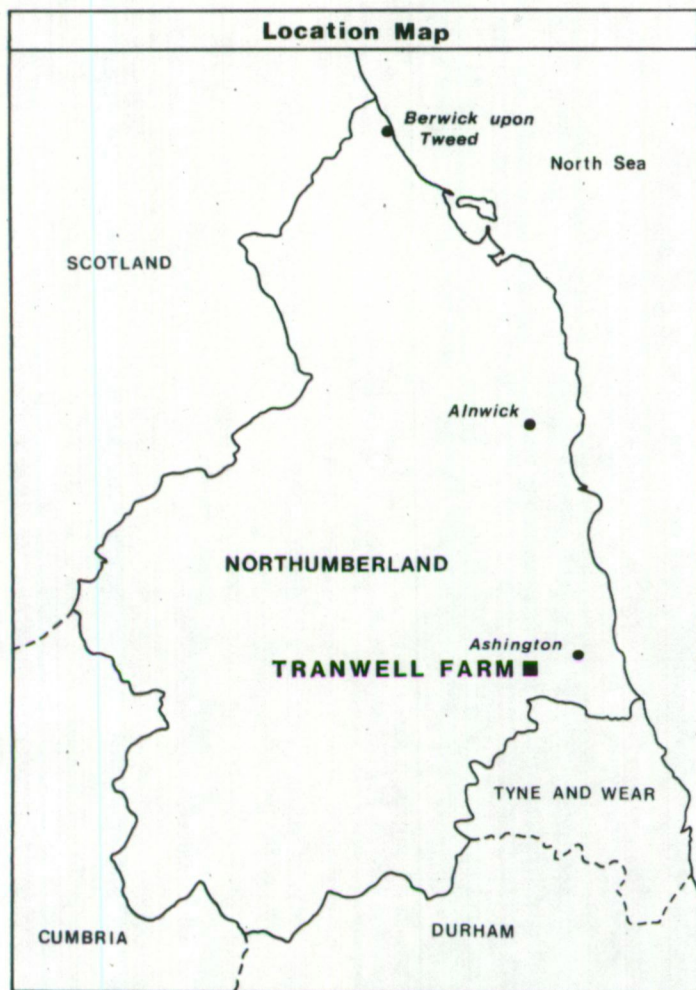
MORPETH

SCALE - 1:5,000



Proposed Opencast Coal Site

Unit	Soil Texture	Soil Thickness(cm.)			Area (ha.)	Volume* ¹ (000m ³)
		Min.	Mean	Max.		
T1a	Medium	40	45	50	2	9
T1b	Medium	20	25	30	20.6	51.5



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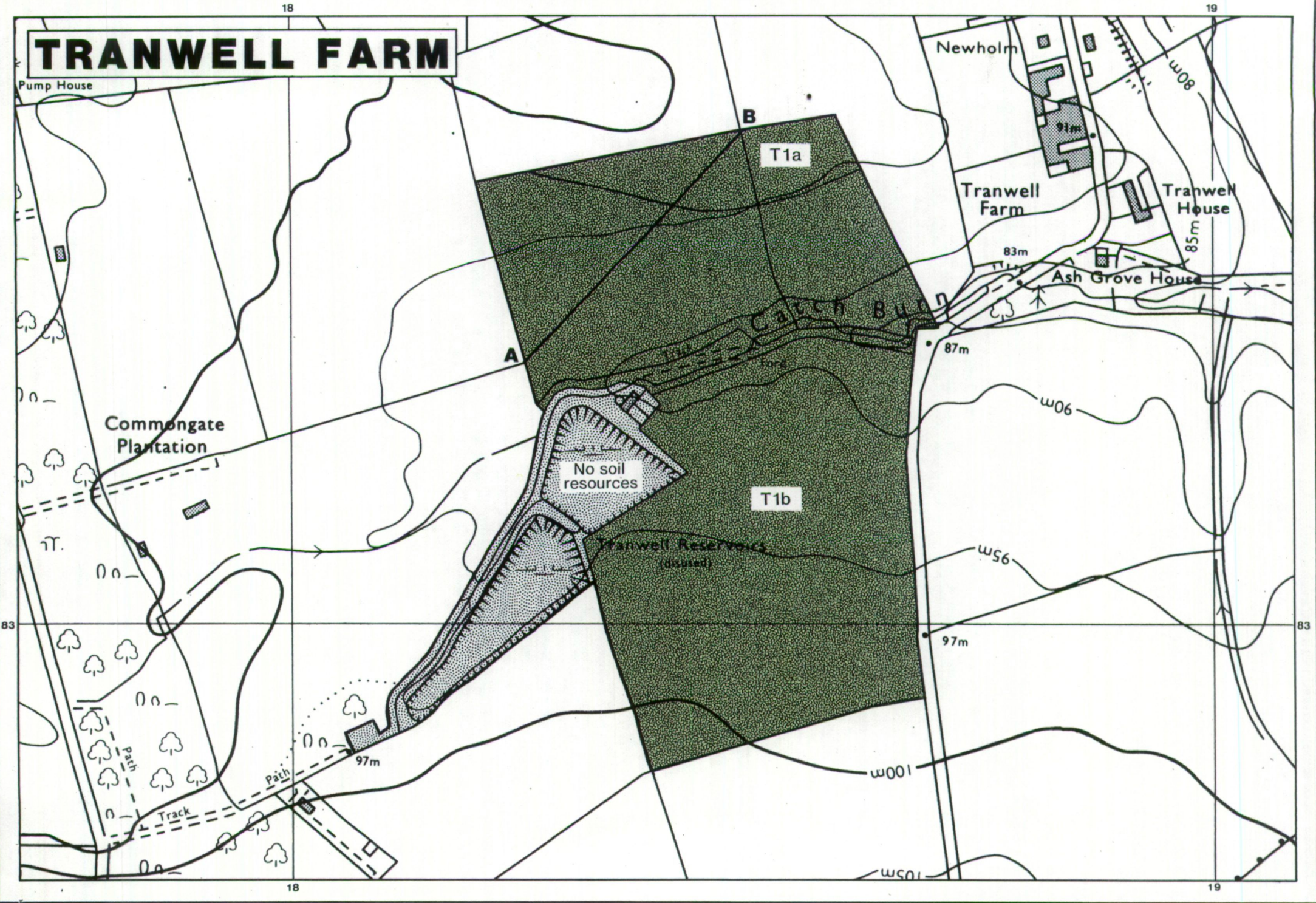
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SOURCE MAPS

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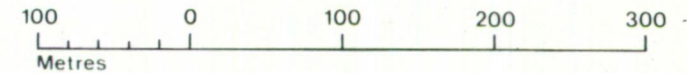
NZ 18 SE

TRANWELL FARM



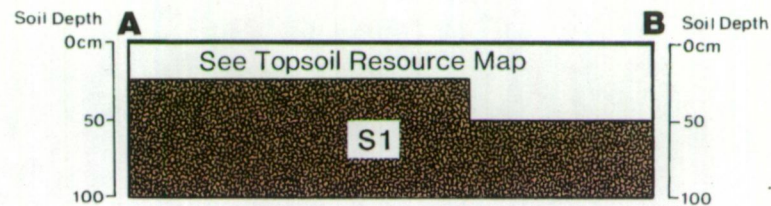
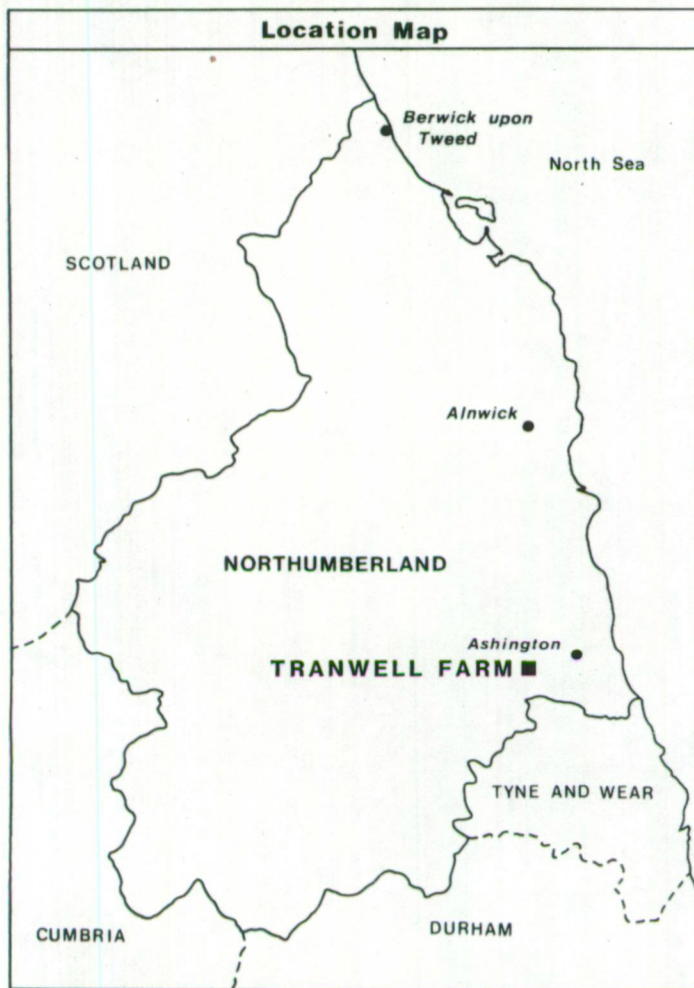
TRANWELL FARM Subsoil Resource Map MORPETH

SCALE - 1:5,000



Proposed Opencast Coal Site

Unit	Soil Texture	Mean Soil Thickness(cm)	Area (ha)	Volume (000m ³)
S1	Heavy	55	22.6	146.9



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TRANWELL FARM

Pump House

Newholm

Tranwell Farm

Tranwell House

Ash Grove House

Commongate Plantation

No soil resources

S1

