

4. SUMMARY OF LAND CAPABILITY RATINGS

A summary chart showing the capabilities of each land component for every land use considered is given in Table 5.

The following maps (Figures 2 to 1) show the relative capability of the land to cope with the following land uses:

1. Urban use
2. Intensive cropping
3. Concrete slabs for light building foundations
4. Stumps and strip footings for light building foundations'
5. Access roads and parking lots
6. On-site effluent disposal
7. Grazing
8. Playing fields
9. Intensive use areas
10. Paths and tracks.

Land Uses 3, 4 and 5 are commonly found in urban use areas; these land uses are amalgamated in Land Use 1.

Land Uses 2 and 7 are commonly found in agricultural use areas.

Land Uses 3, 4, 5, 6, 8, 9, and 10 are commonly found in recreational use areas.

Land Uses 3, 4, 5, 6, and 7 are commonly found in rural residential or hobby uses. Land Use 2 is less commonly found here.

Table 5. - A summary of the Capability Ratings for each land component. In the Kilsyth study area, for each land use.

COMPONENT NUMBER	URBAN	INTENSIVE CROPPING	BUILDING FOUNDATIONS		ACCESS ROADS AND PARKING LOTS	CODE	MOST LIMITING FACTORS
			STUMPS AND STRIP FOOTINGS	CONCRETE SLABS			
1	5 FH	5 FH	5 FH	5 FH	5 FH, DWR	D&S	B horizon Emerson dispersion and slaking class
2	2 -	3 DFS	2 -	2 -	2 -		
3	2 -	2 -	2 -	2 -	2 -		
4	2 -	3 DFS, DS	2 -	3 S	3 S, DR, SS	DC	
5	2 -	3 DFS	2 -	2 -	1 -	DFS	Dry consistence
6	2 -	3 DFS, DS	2 -	3 S	3 S, SS	DPR	Depth of friable soil
7	2 -	3 DFS	2 -	2 -	2 -		Limiting depth of pasture roots
8	3 SD, SS	3 SD, DWT	3 USG, DS, SS	3 S, SD, DWT,	4 USG, DWT	DR	
9	3 S, SS	4 S	3 S, USG, SS	4 SS	4 S	DS	
10	5 FH, SD	5 FH, SD, EH	5 FH, SD	5 S	5 FH, SD		Depth to rock
11	5 FH, SD	5 FH, SD, EH	5 FH, SD	5 FH, SD	5 FH, SD	EH	Availability of dam sites
12	5 FH, SD	5 FH, SD, EH	5 FH, SD	5 FH, SD	5 FH, SD, S	FH	
13	3 USG, S+, OB, SS	5 S+, DS, DR	3 S+, OB, DR, SS	4 FH, SD	4 S, DR	G	Erosion hazard
14	4 S, DR, SS	5 S+, DFS, DR	3 S, S+, OB, DR,	4 S, DR	4 S, DR	OB	Flood hazard
15	5 FH	5 FH	5 SS	5 S, DR	5 FH		%Gravel
16	3 SD, SS	3 DWT, SD	3 FH	3 FH	4 DWT	OM	%Outcropping boulders
17	5 FH	5 FH	5 USG, SD, SS	5 SS, DWT, SD	5 FH, DWT		
18	2 -	4 DFS	2 FH	2 FH	2 -	S	A horizon % organic matter
19	3 S, USG, OB	4 OB	3 -	4 -	3 S, OB, DR	SG	
20	2 -	2 -	2 S, OB	2 S, USG, OB	2 -	SD	
21	2 -	2 -	2 -	2 -	2 -	SI	Slope
22	2 -	3 DFS, DS	2 -	3 -	3 S	SPP	Slumping of batters
23	5 FH	5 FH	5 -	5 S, USG	5 FH		Site drainage
24	2 -	3 DFS	2 FH	3 FH	3 S	SS	Surface Infiltration
25	2 -	2 -	2 -	3 S, USG	3 S		Soil profile permeability
26	3 S, USG	4 S, DS	3 -	4 S, USG	4 S	S+	
27	5 FH	5 FH	5 S, USG	5 S	5 FH	Tx	B horizon shrink-swell
28	5 FH	5 FH	5 FH	5 FH	5 FH	USG	
29	5 FH, SD	5 SD, SPP, DWT	5 FH	5 FH	5 DWT, SD		% Stones
30	3 S+, DR, USG, OB,	5 DS, DR, S+	5 DWT, SD, FH	3 DWT, FH, SD	3 S+, OB, DR,		A horizon texture
31	3 SS S, SS	4 S, DS	3 S+, OB DR, SS S, SS	4 S, S+, OB, DR S	4 SS S		B horizon Unified Soil Group

COMPONENT NUMBER	URBAN	INTENSIVE CROPPING	BUILDING FOUNDATIONS		ACCESS ROADS AND PARKING LOTS	CODE	MOST LIMITING FACTORS
			STUMPS AND STRIP FOOTINGS	CONCRETE SLABS			
1	5 FH, DWT	3 FH, SD	5 FH	5 FH	5 FH	D&S	B horizon Emerson dispersion and slaking class
2	3 DR, SPP	1 -	2 -	2 -	2 -		
3	3 DR, SPP	1 -	2 -	2 -	2 -		
4	3 S, DR, SPP	2 -	4 S, DR	3 S, DR	2 -	DC	
5	3 DR, SPP	1 -	1 -	1 -	1 -	DFS	Dry consistence
6	3 S, DR, SPP	2 -	4 S	3 S, DR	2 -	DPR	Depth of friable soil
7	4 DR	1 -	3 S, DR	2 -	2 -		Limiting depth of pasture roots
8	5 DWT	2 -	3 S, SD	3 SD	3 SD	DR	
9	4 S	3 S	5 S	4 S	3 S	DS	
10	5 DWT, FH, SD, DR	4 SD	5 SD, FH, DR	5 FH, DR, SD	5 FH, SD		Depth to rock
11	5 FH, DR, SD, DWT	4 SD, ED	5 FH, DR, SD	5 FH, DR, SD	5 FH, SD	EH	Availability of dam sites
12	5 FH, SD, DWT	5 S, SD, EH	5 S, FH, SD	5 FH, SD	5 FH, SD	FH	
13	5 DR	3 DR, DS	5 DR	3 S, S+, OB, DR	2 -	G	Erosion hazard
14	5 DR, S	3 S, DR, DPR	5 S, DR	4 S, DR	3 S, S+	OB	Flood hazard
15	5 FH	3 FH, SD	5 FH	5 FH	5 FH		%Gravel
16	5 DWT	2 -	3 SD	3 SD	3 SD	OM	%Outcropping boulders
17	5 FH, DWT	4 FH, SD	5 FH	5 DH	5 FH		
18	3 DR, SPP, DWT	1 -	2 -	2 -	2 -	S	A horizon % organic matter
19	4 S, DR, OB	3 S	5 S, OB	4 S, DR	3 S	SG	
20	2 -	1 -	2 -	2 -	2 -	SD	
21	2 -	1 -	3 S, DR	2 -	2 -	SI	Slope
22	3 S, DR	2 -	4 S	3 S, DR	2 -	SPP	Slumping of batters
23	5 FH	3 FH	5 FH	5 FH	5 FH		Site drainage
24	3 S	2 -	4 S	3 S	2 -	SS	Surface Infiltration
25	3 S	2 -	4 S	3 S	2 -		Soil profile permeability
26	4 S	3 S, DS	5 S	3 S, DR	3 S	S+	
27	5 FH	3 FH	5 FH	5 FH	5 FH	Tx	B horizon shrink-swell
28	5 FH	3 FH	5 FH	5 FH	5 FH	USG	
29	5 DWT, SPP, SD	3 SD, DWT	5 SD	5 SD	5 SD		% Stones
30	5 DR	3 DR, DS	5 DR	3 S+, OB, DR	2 -		A horizon texture
31	4 DR,S	3 DS, S	5 S	4 S, DR	3 S		B horizon Unified Soil Group

Figure 2 – Land Capability for Land Use

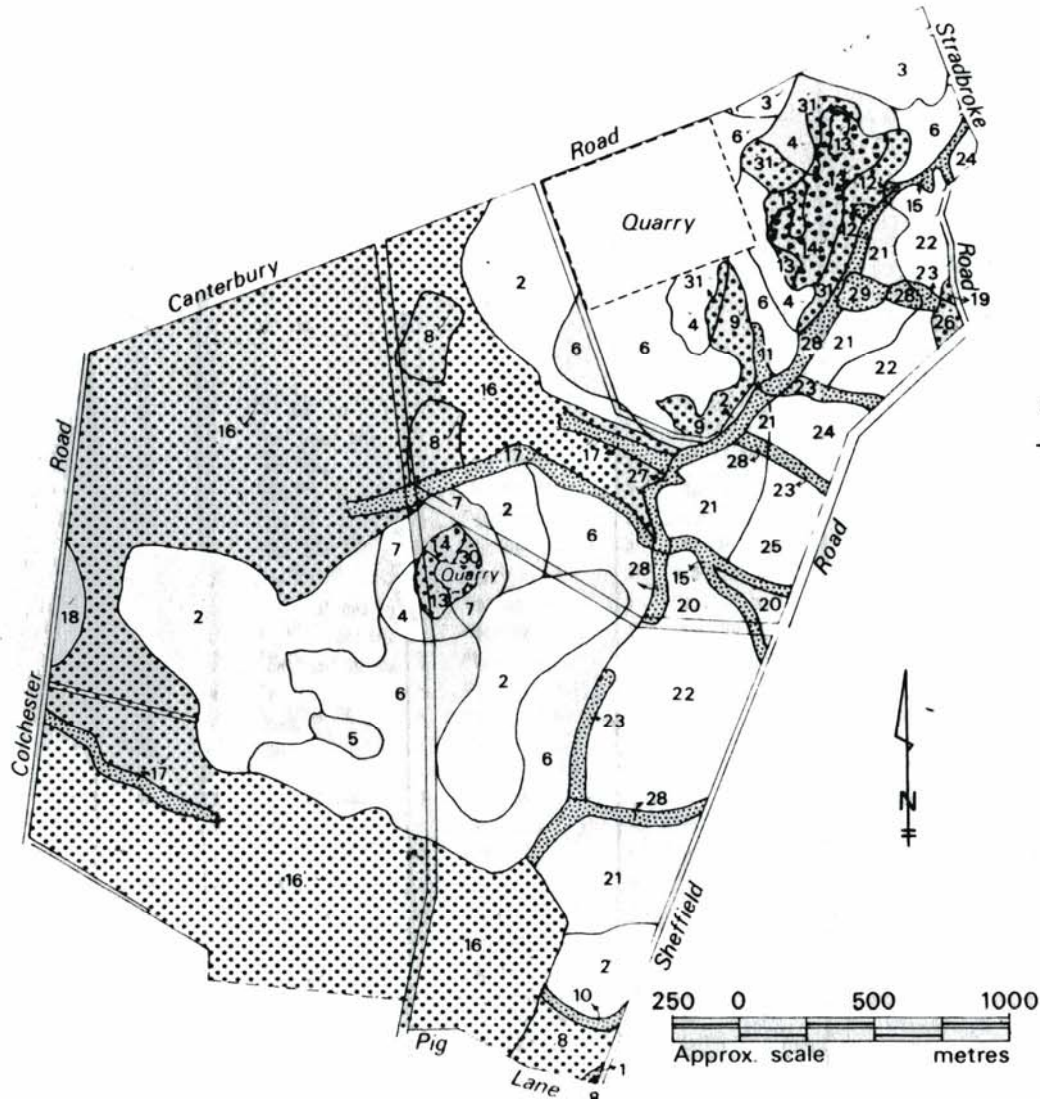







FIGURE 2
LAND CAPABILITY
FOR
URBAN USE

SHADING CODE	CAPABILITY CLASS	CAPABILITY DESCRIPTION
	1	Very good; with zero to very slight limitations.
	2	Good; with slight limitations.
	3	Fair; with moderate limitations.
	4	Poor; with severe limitations.
	5	Very poor; with very severe limitations.

Component Numbers

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Figure 3 – Land Capability for Intensive Cropping



FIGURE 3
LAND CAPABILITY
FOR
INTENSIVE CROPPING

SHADING CODE	CAPABILITY CLASS	CAPABILITY DESCRIPTION
	1	Very good; with zero to very slight limitations.
	2	Good; with slight limitations.
	3	Fair; with moderate limitations.
	4	Poor; with severe limitations.
	5	Very poor; with very severe limitations.

Component Numbers

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Figure 4- Land Capability for Rurban and Recreation Use – Light Buildings – Concrete Slabs

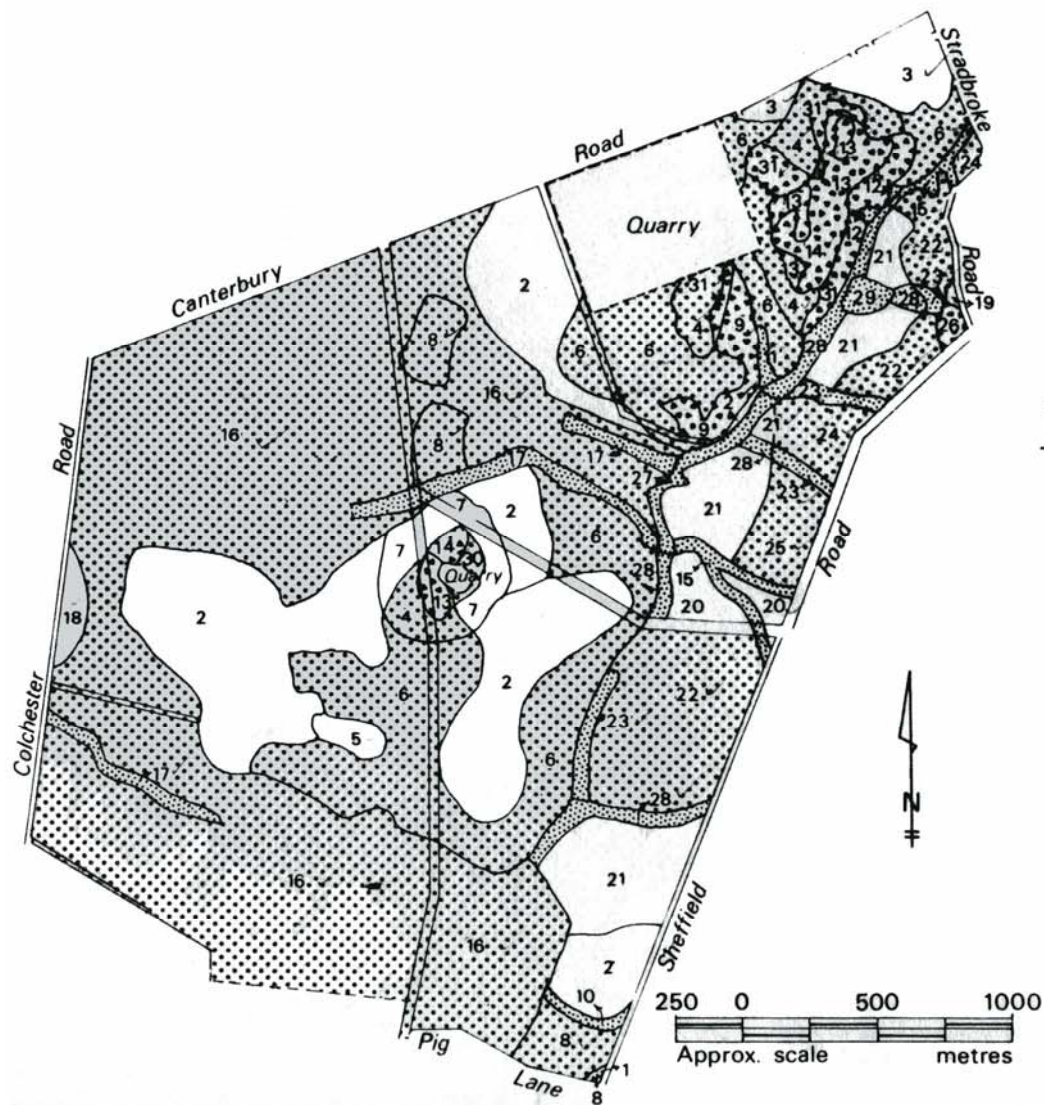


FIGURE 4

**LAND CAPABILITY
FOR**

**RURBAN AND RECREATION USE
—LIGHT BUILDINGS—
CONCRETE SLABS**

SHADING CODE	CAPABILITY CLASS	CAPABILITY DESCRIPTION
	1	Very good; with zero to very slight limitations.
	2	Good; with slight limitations.
	3	Fair; with moderate limitations.
	4	Poor; with severe limitations.
	5	Very poor; with very severe limitations.

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Figure 5 – Land Capability for Rurban and Recreation Use – Light Buildings – Stumps and Strip Footings

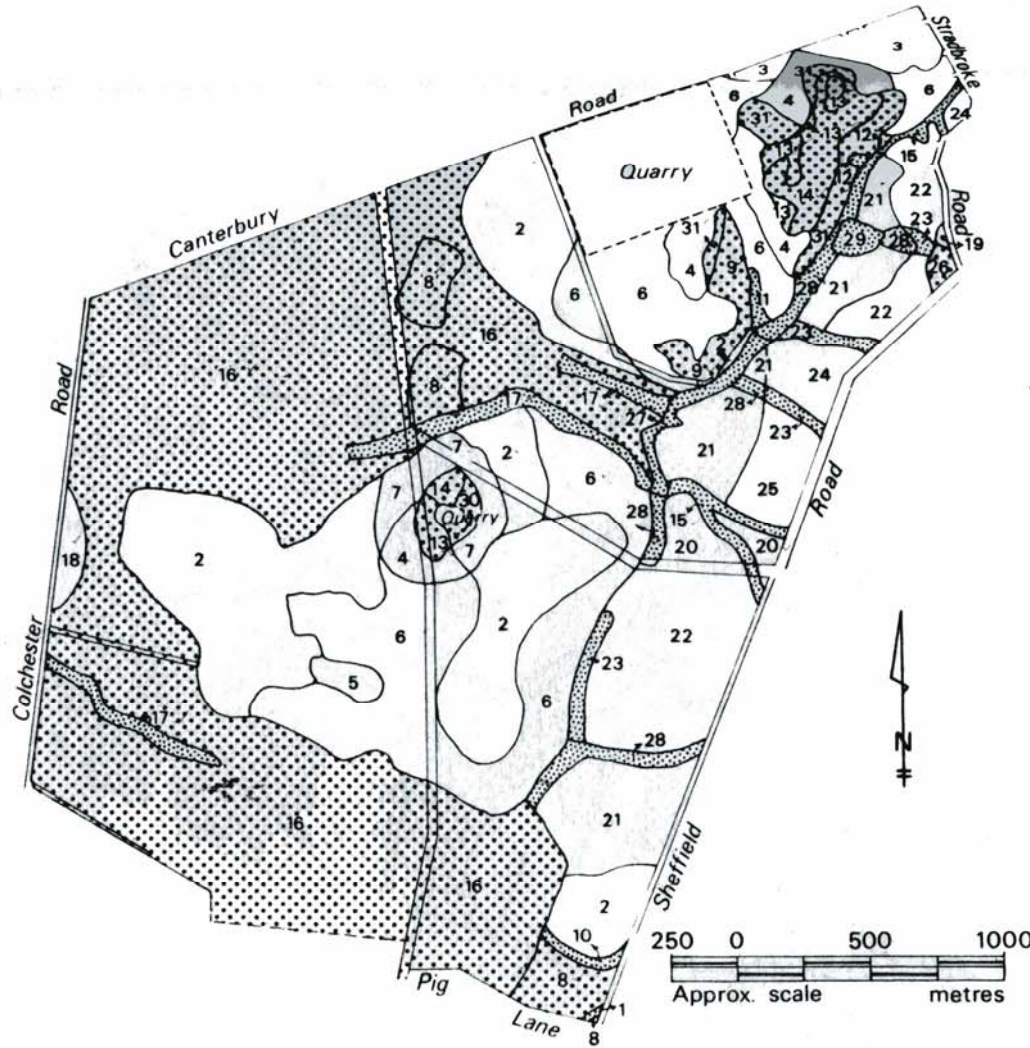







FIGURE 5
LAND CAPABILITY
FOR
RURBAN AND RECREATION USE
– LIGHT BUILDINGS –
STUMPS AND STRIP FOOTINGS

SHADING CODE	CAPABILITY CLASS	CAPABILITY DESCRIPTION
	1	Very good; with zero to very slight limitations.
	2	Good; with slight limitations.
	3	Fair; with moderate limitations.
	4	Poor; with severe limitations.
	5	Very poor; with very severe limitations.

Component Numbers

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Figure 6 – land Capability for Rurban and Recreation Use – Access Roads and Parking Lots

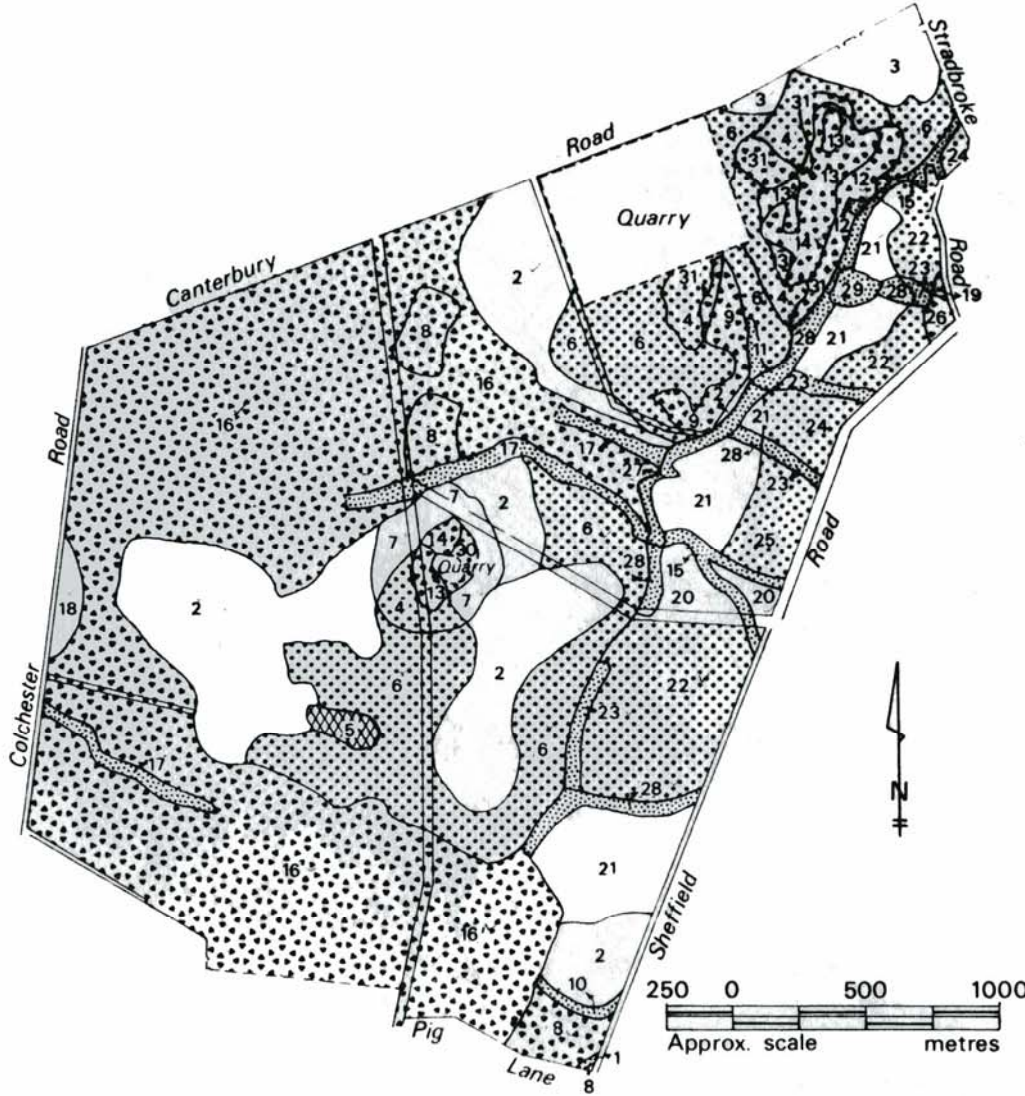







FIGURE 6

**LAND CAPABILITY
FOR**

RURBAN AND RECREATION USE
ACCESS ROADS AND
PARKING LOTS

SHADING CODE	CAPABILITY CLASS	CAPABILITY DESCRIPTION
	1	Very good; with zero to very slight limitations.
	2	Good; with slight limitations.
	3	Fair; with moderate limitations.
	4	Poor; with severe limitations.
	5	Very poor; with very severe limitations.

Component Numbers

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Figure 7 – Land Capability for Rurban and Recreation Use – On-Site Effluent Disposal

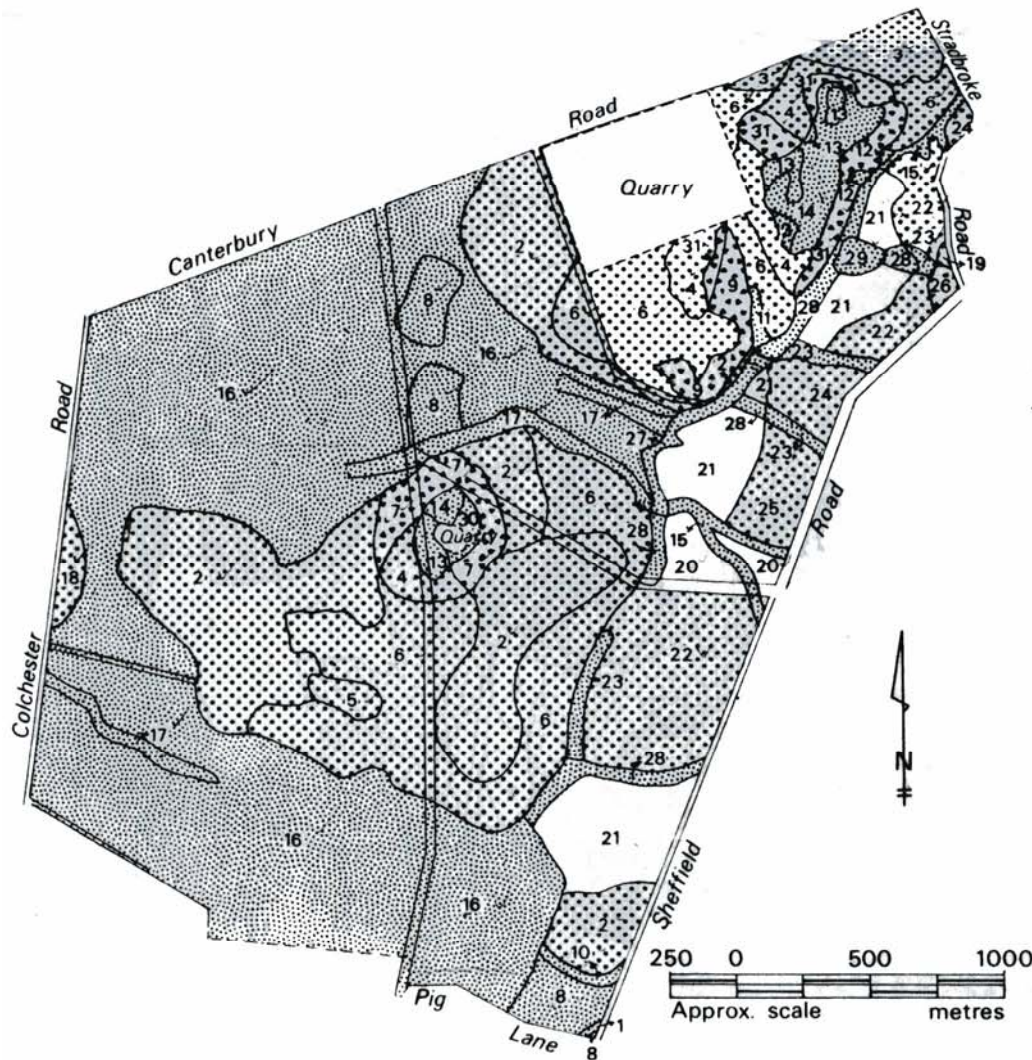


FIGURE 7

LAND CAPABILITY FOR

RURBAN AND RECREATION USE ON SITE EFFLUENT DISPOSAL

SHADING CODE	CAPABILITY CLASS	CAPABILITY DESCRIPTION
	1	Very good; with zero to very slight limitations.
	2	Good; with slight limitations.
	3	Fair; with moderate limitations.
	4	Poor; with severe limitations.
	5	Very poor; with very severe limitations.

Component Numbers

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Figure 8 – Land Capability for Rurban use - Grazing

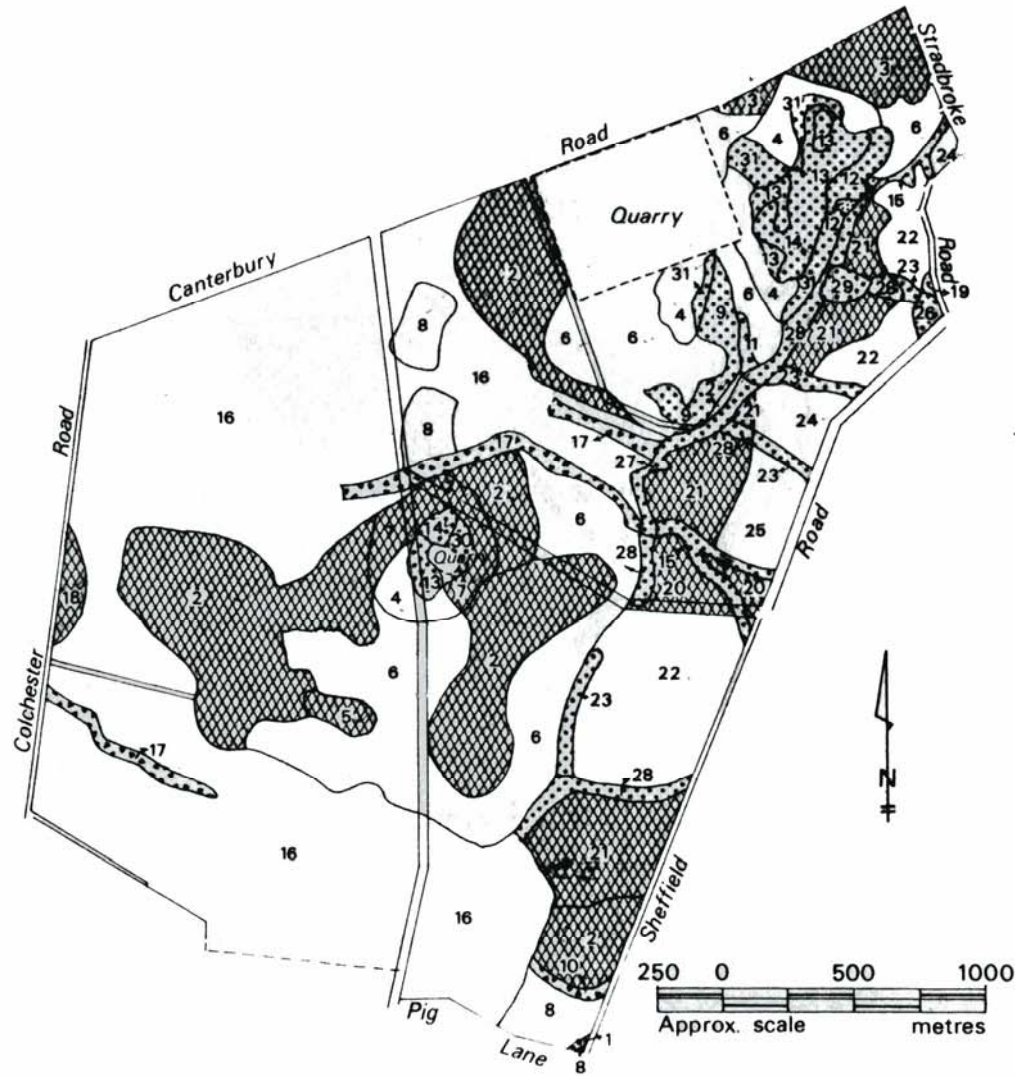







FIGURE 8
**LAND CAPABILITY
 FOR
 RURBAN USE
 GRAZING**

SHADING CODE	CAPABILITY CLASS	CAPABILITY DESCRIPTION
	1	Very good; with zero to very slight limitations.
	2	Good; with slight limitations.
	3	Fair; with moderate limitations.
	4	Poor; with severe limitations.
	5	Very poor; with very severe limitations.

Component Numbers

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Figure 9 - Land Capability for Recreation – Playing Fields

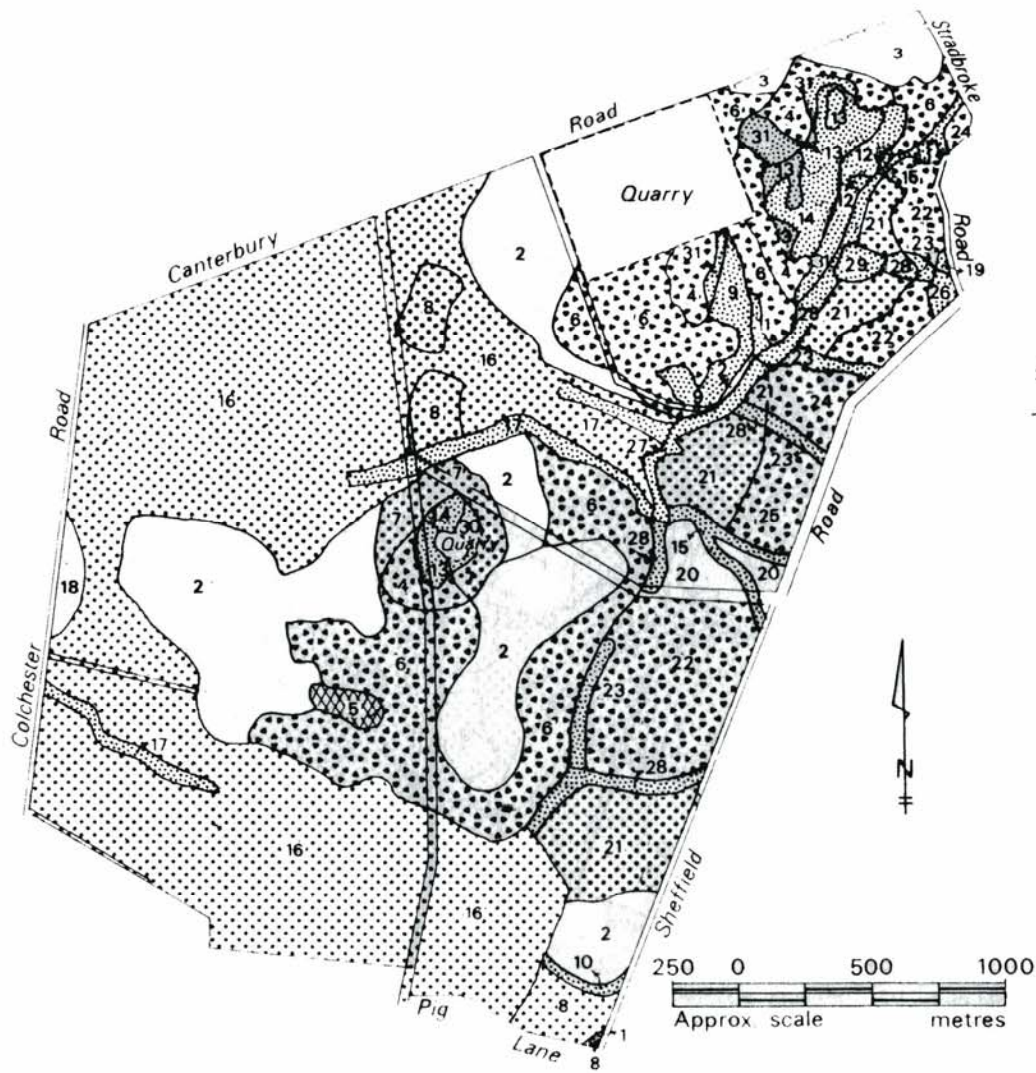







FIGURE 9
LAND CAPABILITY
FOR
RECREATION
PLAYING FIELDS

SHADING CODE	CAPABILITY CLASS	CAPABILITY DESCRIPTION
	1	Very good; with zero to very slight limitations.
	2	Good; with slight limitations.
	3	Fair; with moderate limitations.
	4	Poor; with severe limitations.
	5	Very poor; with very severe limitations.

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Figure 10 – Land Capability for Recreation Intensive Use Areas



FIGURE 10
**LAND CAPABILITY
 FOR
 RECREATION
 INTENSIVE USE AREAS**

SHADING CODE	CAPABILITY CLASS	CAPABILITY DESCRIPTION
	1	Very good, with zero to very slight limitations.
	2	Good, with slight limitations.
	3	Fair, with moderate limitations.
	4	Poor, with severe limitations.
	5	Very poor, with very severe limitations.

Component Numbers

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



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Figure 11 – Land Capability for Recreation Paths and Tracks



FIGURE 11
LAND CAPABILITY
FOR
 RECREATION
 PATHS AND TRACKS

SHADING CODE	CAPABILITY CLASS	CAPABILITY DESCRIPTION
	1	Very good; with zero to very slight limitations.
	2	Good; with slight limitations.
	3	Fair; with moderate limitations.
	4	Poor; with severe limitations.
	5	Very poor; with very severe limitations.

Component Numbers

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