

CS 829 (Grid Ref. 974 043)

- 0.0- 0.9 SOIL: yellow, orange, brown, clayey
- * 0.9- 1.8 CLAY: red, orange, plastic, weak
- * 1.8- 7.3 CLAY: red, orange, brown, khaki, semi-plastic, weak; rare fine to medium grains of ironstone material
- * 7.3-12.8 CLAY: khaki-brown, brown, semi-plastic, weak
- * 12.8-15.4 CLAY: light yellow, orange, brown, light grey, plastic, moderately strong; silty
- 15.4-18.3 SAND: white, fine to medium-grained; very clayey; rare quartz pebbles to 10 mm

Water not intersected

CS 830 (Grid Ref. 968 044)

- 0.0- 0.9 SOIL: light brown, orange, khaki; clayey
- * 0.9- 2.7 CLAY: red, orange, grey; semi-plastic, weak; 5% siltstone, ironstone material
- * 2.7- 4.6 CLAY: light brown, semi-plastic, weak; common grains of siltstone, ironstone and quartz
- * 4.6- 5.5 CLAY: light brown-orange, semi-plastic, weak; common fine sand and ironstone grains
- * 5.5- 8.2 CLAY: light khaki, orange, brown, plastic, weak; slightly sandy (fine-grained); rare ironstone grains
- 8.2-10.1 CLAY: dark green-grey, brown, plastic, weak; sandy (fine-grained)

Water intersected at 9.1 m

CS 831 (Grid Ref. 967 037)

- 0.0- 0.9 SOIL: light brown
- * 0.9- 2.7 CLAY: brown, yellow-brown, plastic, weak; rare ironstone chips
- 2.7- 3.7 CLAY: brown, orange, khaki, semi-plastic, weak; rare small pebbles of ironstone to 2 mm
- * 3.7- 8.2 CLAY: khaki-brown, slightly plastic, moderately strong; rare ironstone grains
- * 8.2-11.0 CLAY: light brown, slightly plastic, weak; rare fine sand grains
- * 11.0-12.8 CLAY: yellow, khaki, brown, semi-plastic, weak; slightly sandy (fine-grained)

Water not intersected

- * Clay firing tests carried out, see elsewhere for results.

CS 832 (Grid Ref. 982 135)

- 0.0- 0.9 SOIL: light grey-brown, loamy
- * 0.9- 2.7 CLAY: light brown, orange-grey, semi-plastic, weak; slightly sandy (fine-grained)
- * 2.7- 4.6 CLAY: light brown, light grey, semi-plastic, weak; sandy (fine-grained)
- 4.6- 5.5 CLAY: light brown, slightly plastic, weak; sandy (fine-grained)

Water not intersected

CS 833 (Grid Ref. 986 129)

- 0.0- 1.8 CLAY: red, non-plastic, weak; silty
- 1.8- 4.6 CLAY: red, orange, slightly plastic, weak, sandy (fine-grained); (= decomposed sandstone)

Water not intersected

CS 834 (Grid Ref. 982 126)

- 0.0- 0.9 SAND: dark brown-grey, fine-grained; slightly clayey
- 0.9- 4.6 SAND: yellow, orange, brown, fine-grained; clayey blebs; slightly clayey; (=decomposed sandstone)

Water not intersected

CS 837 (Grid Ref. 953 127)

- 0.0- 0.9 SAND: grey-brown, yellow, fine-grained
- 0.9- 1.8 SAND: yellow-orange, fine-grained; common pebbles of sandstone (fine-grained)
- 1.8- 2.7 CLAY: orange-brown, non-plastic, weak; sandy (fine-grained)
- 2.7- 3.7 CLAY: white, red-brown, slightly plastic, weak; sandy (fine-grained)
- * 3.7- 6.4 CLAY: red, slightly plastic, weak; sandy (fine-grained)
- * 6.4- 8.2 CLAY: red, orange, semi-plastic, weak; sandy (fine to medium-grained); (= decomposed sandstone)

Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 838 (Grid Ref. 961 126)

0.0- 0.9	SOIL:	dark brown, sandy (fine-grained)
0.9- 1.8	CLAY:	khaki-brown, semi-plastic, weak; sandy (fine-grained)
1.8- 2.7	CLAY:	orange, semi-plastic, weak; sandy (fine-grained)
* 2.7- 4.6	CLAY:	light brown, semi-plastic weak; slightly sandy (fine-grained)
* 4.6- 6.4	CLAY:	light red-orange, white, semi- plastic, weak; slightly sandy (fine-grained)
* 6.4- 7.3	CLAY:	light red, plastic, weak; slightly sandy (fine-grained)
7.3- 8.2	CLAY:	light grey-white, orange, semi- plastic, weak; sandy (fine-grained)

Water not intersected

CS 839 (Grid Ref. 958 118)

0.0- 0.9	SOIL:	light grey-brown; clay blebs
0.9- 1.8	CLAY:	yellow-khaki, slightly plastic, weak; sandy (fine-grained)
+ 1.8- 2.7	SAND:	white, light tan, fine-grained; rare clay blebs
+ 2.7- 4.6	SAND:	light tan, white, fine-grained
+ 4.6- 6.4	SAND:	light grey-brown, fine-grained
+ 6.4- 8.2	SAND:	as above, slightly clayey
+ 8.2-10.1	SAND:	light grey-brown, fine to coarse- grained; slightly clayey
+ 10.1-12.8	SAND:	light grey, fine to coarse-grained; slightly clayey
12.8-14.6	CLAY:	grey, slightly plastic, weak; sandy (fine to medium-grained)

Water not intersected

CS 840 (Grid Ref. 960 119)

0.0- 0.9	CLAY:	mottled grey, brown, orange, plastic, weak; sandy (fine-grained)
* 0.9- 1.8	CLAY:	mottled grey, brown, orange, plastic, weak; sandy (fine-grained)
* 1.8- 4.6	CLAY:	brown, plastic, weak; sandy (fine to medium-grained)
+ 4.6- 5.5	SAND:	grey, fine to medium-grained, slightly clayey
+ 5.5-10.1	SAND:	grey, fine to medium-grained, slightly clayey; common small quartz pebbles to 2 mm
10.1+	CLAY:	very sandy

Water intersected at 5.5 m

* Clay firing tests carried out, see elsewhere for results.

+ Sand sieve analysis carried out, see elsewhere for results.

CS 841 (Grid Ref. 949 117)

0.0- 0.9	CLAY:	khaki, grey, orange, plastic, moderately strong; sandy (fine to medium-grained)
* 0.9- 1.8	CLAY:	mottled grey, brown, orange, red, plastic, strong; slightly sandy (fine-grained)
* 1.8- 2.7	CLAY:	light brown, light grey, orange, semi-plastic, weak; sandy (fine-grained)
2.7- 3.7	SAND:	light brown, fine to medium-grained clayey
3.7- 5.5	SAND:	brown, fine to medium-grained; moderately clayey
+ 5.5- 8.2	SAND:	light brown, fine to medium-grained; slightly clayey
+ 8.2- 9.1	SAND:	brown, fine to medium-grained
+ 9.1-11.9	SAND:	brown, fine to medium-grained; slightly clayey
+ 11.9-14.6	SAND:	grey, medium to coarse-grained
	GRAVEL:	fine-grained
14.6-15.5	SAND:	as above, clayey

Water intersected at 8.5 m

CS 842 (Grid Ref. 955 117)

0.0- 1.8	LOAM:	dark brown-grey, sandy (fine-grained)
+ 1.8- 3.7	SAND:	dark grey-brown, fine-grained
+ 3.7- 6.4	SAND:	dark grey-brown, fine-grained; slightly clayey; carbonaceous blebs
+ 6.4- 8.2	SAND:	dark grey-brown, fine to coarse-grained; moderately clayey
+ 8.2-10.1	SAND:	grey, fine to coarse-grained; clayey
10.1-11.7	CLAY:	light grey, semi-plastic, weak; sandy (fine-grained)

Water not intersected

CS 843 (Grid Ref. 953 120)

0.0- 0.9	CLAY:	mottled khaki, grey, brown, orange, plastic, moderately strong;
0.9- 1.8	CLAY:	brown, grey, light orange, slightly plastic, weak; sandy (fine-grained)
1.8- 2.7	CLAY:	grey, brown, orange, slightly plastic, weak; sandy (fine-grained)
+ 2.7- 3.7	SAND:	light brown, grey, fine-grained, slightly clayey

- * Clay firing tests carried out, see elsewhere for results.
 + Sand sieve analysis carried out, see elsewhere for results.

CS 843 (cont.)

- + 3.7- 8.2 SAND: grey, medium to coarse grained
 8.2-11.0 CLAY: khaki, grey, slightly plastic, weak, sandy (fine-grained)
 Water intersected at 5.2 m

CS 844 (Grid Ref. 962 118)

- 0.0- 0.9 CLAY: light grey, brown, orange, slightly plastic, moderately strong; silty
 0.9- 1.8 CLAY: grey, light brown-orange, slightly plastic, moderately strong
 1.8- 3.7 CLAY: light orange-brown, slightly plastic, weak; slightly sandy (fine-grained)
 3.7- 4.6 CLAY: light grey, fine-grained; clayey
 + 4.6- 5.5 SAND: light grey-brown, fine-grained; moderately clayey
 + 5.5- 9.1 SAND: light grey-brown, light fawn, fine to medium-grained; clayey
 + 9.1-11.0 SAND: light grey-fawn, fine to medium-grained, slightly clayey
 + 11.0-11.9 SAND: light grey-fawn, fine to medium-grained, moderately clayey
 11.9-12.8 SAND: light grey, white, fine to coarse-grained; clayey
 12.8-13.7 CLAY: white, light grey, plastic, weak; sandy (fine to coarse-grained); with occasional pebbles of quartzite to 10 mm
 Water intersected at 5.0 m

CS 845 (Grid Ref. 960 047)

- 0.0- 0.9 SOIL: dark brown, clayey
 CLAY: light brown, orange, red, mottled, semi-plastic, weak; 5% siltstone, ironstone material
 * 0.9- 1.8 CLAY: red, brown, khaki, plastic, weak; common small chips and grains of ironstone and quartz
 * 1.8- 2.7 CLAY: orange-brown, semi-plastic, weak; 10% ironstone and quartz material
 * 2.7- 4.6 CLAY: orange-khaki, brown, semi-plastic, weak; rare ironstone material
 * 4.6- 7.3 CLAY: khaki-yellow, semi-plastic, weak; slightly silty
 * 7.3- 8.2 CLAY: khaki, plastic, weak
 * 8.2-10.1 CLAY: yellow, orange, brown, plastic, weak
 10.1-11.9 CLAY: khaki-yellow, plastic, weak; slightly sandy (fine-grained); becoming sandy to gravelly
 Water intersected at 11.0 m

* Clay firing tests carried out, see elsewhere for results.
 + Sand sieve analysis carried out, see elsewhere for results.

CS 846 (Grid Ref. 958 051)

- 0.0- 0.9 SOIL: brown, light brown
 0.9- 2.7 CLAY: brown, plastic, weak; 5% ironstone quartz material
 * 2.7- 6.4 CLAY: yellow-orange, semi-plastic, weak; silty with rare fine sand grains
 * 6.4-10.1 CLAY: khaki, yellow, brown, plastic, weak; slightly silty
 10.1-11.0 CLAY: khaki, brown, yellow, semi-plastic, weak; sandy (fine-grained)
 + 11.0-14.6 SAND: light brown-yellow, fine to coarse-grained; moderately clayey
 14.6-15.5 CLAY: light brown, light grey, semi-plastic, weak; sandy (fine-grained)

Water intersected at 11.0 m

CS 847 (Grid Ref. 958 061)

- 0.0- 0.9 SOIL: grey-brown, loamy
 * 0.9- 3.7 CLAY: red, brown, grey, plastic, weak
 * 3.7- 4.6 CLAY: light brown-khaki, plastic, weak; slightly silty
 * 4.6- 5.5 CLAY: light khaki, semi-plastic, weak; slightly sandy (fine-grained)
 5.5- 6.4 CLAY: as above, sandy (fine-grained)

Water not intersected

CS 848 (Grid Ref. 965 059)

- 0.0- 0.9 SOIL: dark brown, clayey
 0.9- 2.7 CLAY: orange, slightly plastic, weak; slightly sandy (fine-grained) with rare coarse sand grains
 2.7- 4.6 CLAY: orange, white, red, slightly plastic, weak; sandy (fine-grained)
 * 4.6- 5.5 CLAY: red, white, orange, semi-plastic, weak; moderately sandy (fine-grained)

Water not intersected

CS 849 (Grid Ref. 965 063)

- 0.0- 0.9 SOIL: brown, orange, clayey
 0.9- 2.7 CLAY: orange, red, slightly plastic, weak; sandy (fine-grained)
 * 2.7- 3.7 CLAY: red, orange, white, plastic, weak; slightly sandy (fine-grained)
 * 3.7- 4.6 CLAY: light orange-brown, plastic, weak; fine ironstone grains

- * Clay firing tests carried out, see elsewhere for results.
 + Sand sieve analysis carried out, see elsewhere for results.

CS 849 (cont.)

- * 4.6- 5.5 CLAY: red, orange, pink, plastic, weak; slightly sandy (fine-grained); rare ironstone chips
- * 5.5- 9.1 CLAY: red, orange, plastic, weak; slightly sandy (fine-grained)
- * 9.1-10.1 CLAY: orange, plastic, weak; sandy (fine-grained)
- 10.1-11.0 CLAY: orange, red, plastic, weak; sandy (fine-grained)

Water intersected at 10.1 m

CS 850 (Grid Ref. 969 063)

- 0.0- 0.9 SOIL: dark brown, yellow-brown; clayey
- 0.9- 1.8 CLAY: yellow-brown, slightly plastic, weak; slightly sandy (fine-grained) 10% ironstone pebbles to 10 mm
- 1.8- 2.7 CLAY: red, orange, brown, white, slightly plastic, weak; 10% ironstone material
- * 2.7- 4.6 CLAY: light orange-brown, semi-plastic, weak; 10% quartz and ironstone material with pebbles to 5 mm
- 4.6- 5.5 CLAY: red-brown, as above

Water not intersected

CS 851 (Grid Ref. 961 071)

- 0.0- 0.9 SOIL: grey-brown, loamy
- CLAY: light grey, plastic, weak; sandy (fine-grained)
- * 0.9- 2.7 CLAY: light grey, orange, light brown, semi-plastic, weak; sandy (fine-grained)
- * 2.7- 4.6 CLAY: light orange, plastic, weak; slightly sandy (fine-grained); rare ironstone pebbles to 5 mm
- * 4.6- 5.5 CLAY: light orange, plastic, weak; slightly sandy (fine-grained)
- 5.5- 7.3 CLAY: pale yellow-brown, plastic, weak; sandy (fine-grained)
- 7.3- 8.2 CLAY: pale yellow-red, plastic, weak; sandy (fine-grained)

Water not intersected

CS 852 (Grid Ref. 959 075)

- 0.0- 0.9 CLAY: light grey-brown, yellow, plastic, weak; sandy (fine-grained)
- 0.9- 1.8 CLAY: grey, brown, plastic, weak; slightly sandy (fine-grained)

* Clay firing tests carried out, see elsewhere for results.

CS 852 (cont.)

1.8- 2.7 SAND: dark grey, fine-grained; clayey
 2.7- 4.6 CLAY: khaki, plastic, weak; sandy
 (fine to medium-grained)
 4.6- 7.3 CLAY: light yellow-brown, plastic, weak;
 sandy (fine-grained)

Water intersected at 4.9 m

CS 853 (Grid Ref. 954 073)

0.0- 0.9 SOIL: dark brown-grey, clayey
 0.9- 1.8 CLAY: dark orange-brown, slightly plastic,
 weak; silty, rare ironstone material
 1.8- 2.7 CLAY: dark orange, slightly plastic,
 weak; slightly sandy (fine-grained)
 2.7- 4.6 CLAY: red, orange, slightly plastic,
 weak; slightly sandy (fine-grained)
 rare ironstone pebbles to 5 mm

Water not intersected

CS 854 (Grid Ref. 949 077)

0.0- 0.9 SAND: grey, brown, fine-grained; trace
 of clay
 0.9- 3.7 SAND: grey, khaki-brown, fine-grained;
 slightly clayey
 + 3.7- 6.4 SAND: grey, fine-grained; clayey
 6.4-10.1 CLAY: yellow-khaki, grey, semi-plastic,
 weak; sandy (fine-grained)

Water intersected at 0.9 m

CS 855 (Grid Ref. 999 080)

0.0- 0.9 LOAM: yellow-brown
 0.9- 1.8 SAND: yellow-orange, fine-grained;
 slightly clayey
 1.8- 2.7 CLAY: orange, semi-plastic, weak;
 sandy (fine-grained)
 * 2.7- 5.5 CLAY: red, pink, white, slightly plastic,
 weak; slightly sandy (fine-grained)
 * 5.5- 8.2 CLAY: red, pink, semi-plastic, weak;
 slightly sandy (fine-grained);
 rare small pebbles of ironstone
 * 8.2-10.1 CLAY: red, pink, plastic, weak; slightly
 sandy (fine-grained)
 10.1-11.9 CLAY: orange, plastic, weak; slightly
 sandy (fine-grained)

Water not intersected

- * Clay firing tests carried out, see elsewhere for results.
 + Sand sieve analysis carried out, see elsewhere for results.

CS 856 (Grid Ref. 001 086)

0.0- 0.9 LOAM: brown, dark brown, clayey
 0.9- 1.8 SAND: light brown, fine-grained; slightly clayey
 1.8- 4.6 SAND: white, light grey-brown, fine-grained; clayey
 4.6- 6.4 CLAY: grey, light grey, light brown, plastic, weak; sandy (fine-grained)

Water intersected at 0.9 m

CS 857 (Grid Ref. 933 052)

0.0- 0.9 SOIL: brown, grey
 0.9- 1.8 CLAY: grey, brown, plastic, weak; sandy (fine to medium-grained)
 SANDSTONE: orange, fine-grained

Water not intersected

CS 858 (Grid Ref. 933 061)

0.0- 0.9 SAND: yellow-brown, fine to medium-grained; slightly clayey
 0.9- 1.8 CLAY: red-orange, fairly plastic, weak; slightly sandy (fine-grained); 5% ironstone material
 * 1.8- 2.7 CLAY: light grey-orange, plastic, moderately strong; slightly sandy (fine-grained)
 * 2.7- 4.6 CLAY: light orange, orange-yellow, pale yellow-white, plastic, weak; slightly sandy (fine-grained); rare ironstone material
 * 4.6- 6.4 CLAY: orange, plastic, weak, moderately sandy (fine-grained)
 6.4- 8.2 CLAY: orange, yellow-orange, plastic, weak; sandy (fine-grained)

Water intersected at 7.0 m

CS 859 (Grid Ref. 932 070)

0.0- 0.9 CLAY: grey, khaki, semi-plastic, weak; slightly silty
 0.9- 1.8 CLAY: yellow-khaki, semi-plastic, weak; silty, rare fine sand grains
 1.8- 2.7 CLAY: khaki, yellow, orange, slightly plastic, weak; sandy (fine-grained)
 2.7- 3.7 CLAY: khaki, light grey, semi-plastic, weak sandy (fine-grained)
 3.7- 4.6 SAND: light yellow, khaki, brown, fine to medium-grained, moderately clayey

* Clay firing tests carried out, see elsewhere for results.

CS 859 (cont.)

- + 4.6- 6.4 SAND: light yellow-brown, fine to coarse-grained; slightly clayey
- + 6.4-11.9 SAND: light grey-brown, as above
- 11.9-12.8 SAND: dark grey, black, fine-grained; carbonaceous

Water intersected at 3.7 m

CS 860 (Grid Ref. 924 073)

- 0.0- 0.9 CLAY: brown, semi-plastic, weak; silty
- 0.9- 1.8 CLAY: yellow-brown, plastic, weak; slightly sandy (fine-grained)
- 1.8- 2.7 CLAY: orange-brown, plastic, weak; 5% ironstone material
- * 2.7- 4.6 CLAY: yellow, khaki-yellow, semi-plastic, weak; sandy (fine-grained)
- * 4.6- 6.4 CLAY: khaki-yellow, plastic, weak; slightly sandy (fine-grained)
- 6.4- 7.3 CLAY: light orange-yellow, plastic, weak; sandy (fine-grained)
- 7.3- 8.2 SAND: light orange-yellow, light grey, fine to medium-grained; clayey

Water not intersected

CS 861 (Grid Ref. 910 070)

- 0.0- 0.9 LOAM: light brown
- CLAY: yellow, orange, khaki, semi-plastic, weak, slightly sandy (fine-grained); rare ironstone pebbles to 5 mm
- 0.9- 2.7 CLAY: red, pink, orange, semi-plastic, weak; 10% ironstone material
- * 2.7- 4.6 CLAY: red-brown, plastic, weak; common fine ironstone grains
- * 4.6- 6.4 CLAY: red; as above but with increasingly larger ironstone pebbles to 5 mm

Water intersected at 6.1 m

CS 862 (Grid Ref. 912 079)

- 0.0- 0.9 SOIL: light grey, silty
- * 0.9- 1.8 CLAY: red, brown, grey, semi-plastic, weak
- * 1.8- 2.7 CLAY: red-brown, slightly plastic, weak slightly silty
- 2.7- 3.7 CLAY: grey, brown, slightly plastic, weak; slightly sandy (fine-grained)
- 3.7- 4.6 CLAY: dark grey, slightly plastic, weak, sandy (fine-grained)

Water not intersected

- * Clay firing tests carried out, see elsewhere for results.
- + Sand sieve analysis carried out, see elsewhere for results.

CS 863 (Grid Ref. 920 085)

- 0.0- 0.9 LOAM: yellow-brown
 0.9- 1.8 CLAY: orange-brown, slightly plastic, weak; sandy (fine-grained); silty
 1.8- 2.7 CLAY: red, orange, slightly plastic, weak; slightly sandy (fine-grained) 5% ironstone material
 * 2.7- 4.6 CLAY: red, white, semi-plastic, weak; slightly sandy (fine-grained)
 Water not intersected

CS 864 (Grid Ref. 902 083)

- 0.0- 0.9 SOIL: dark brown, clayey
 0.9- 1.8 CLAY: brown, dark brown, slightly plastic, weak; common pebbles of ironstone and quartzite
 1.8- 2.1 QUARTZITE: white
 Water not intersected

CS 865 (Grid Ref. 904 066)

- 0.0- 0.9 SOIL: orange, clayey, sandy (fine-grained)
 0.9- 1.8 CLAY: orange-brown, slightly plastic, weak; slightly sandy (fine-grained)
 * 1.8- 2.7 CLAY: orange, slightly plastic, weak; slightly sandy (fine-grained); rare ironstone material
 * 2.7- 3.7 CLAY: red-orange, slightly plastic, weak; slightly sandy (fine-grained)
 * 3.7- 4.6 CLAY: white-red, semi-plastic, weak; slightly sandy (fine-grained); common grains of ironstone
 * 4.6- 6.4 CLAY: red-orange, light red, plastic, weak; slightly sandy (fine-grained); rare ironstone grains
 6.4- 8.2 CLAY: red, light grey-yellow, semi-plastic, weak; sandy (fine to medium-grained)
 Water intersected at 6.4 m

CS 866 (Grid Ref. 895 085)

- + 0.0- 1.8 SAND: grey, brown, fine-grained
 + 1.8- 3.7 SAND: yellow, brown, grey, fine-grained
 + 3.7- 7.3 SAND: grey, fine to coarse-grained; slightly clayey
 7.3- 8.2 SAND: light grey, pale yellow, fine to coarse-grained; clayey
 8.2-10.1 CLAY: khaki, light grey, semi-plastic, weak; sandy (fine-grained)
 Water intersected at 3.7 m

* Clay firing tests carried out, see elsewhere for results.
 + Sand sieve analysis carried out, see elsewhere for results.

CS 867 (Grid Ref. 889 092)

- 0.0- 0.9 SOIL: grey, brown, yellow, sandy
(fine-grained)
- * 0.9- 2.7 CLAY: light brown, light orange-brown,
semi-plastic, weak, slightly
sandy (fine-grained)
- 2.7- 4.6 CLAY: light orange-tan, plastic, weak;
sandy (fine-grained)
- * 4.6- 8.2 CLAY: light grey, light brown, orange,
white, plastic, weak; sandy
(fine-grained)

Water not intersected

CS 868 (Grid Ref. 888 087)

- 0.0- 0.9 LOAM: light grey, sandy (fine-grained)
- 0.9- 2.7 CLAY: orange, light brown, semi-plastic,
weak; sandy (fine-grained)
- 2.7- 3.7 CLAY: red, orange, yellow, grey, mottled
semi-plastic, moderately strong;
sandy (fine-grained)
- * 3.7- 4.6 CLAY: orange, light grey, semi-plastic,
moderately strong to strong;
sandy (fine-grained); rare
silty patches
- 4.6- 7.3 CLAY: light orange, light grey, plastic,
moderately strong, sandy (fine-
grained)
- 7.3- 8.2 CLAY: red, plastic, weak; sandy (fine
to medium-grained)

Water intersected at 4.6 m

CS 869 (Grid Ref. 877 085)

- 0.0- 0.9 LOAM: grey-brown, sandy (fine-grained)
- 0.9- 1.8 CLAY: black, plastic, weak; sandy (fine-
grained)
- 1.8- 2.7 CLAY: black, plastic, weak; sandy (fine-
grained)
- 2.7- 3.7 CLAY: dark green-grey, plastic, weak;
sandy (fine-grained)
- 3.7- 4.6 SAND: grey, fine-grained; clayey

Water not intersected

CS 870 (Grid Ref. 878 093)

- 0.0- 0.9 LOAM: light yellow-brown
- 0.9- 1.8 CLAY: orange-brown, slightly plastic,
weak; sandy (fine-grained)
- * 1.8- 3.7 CLAY: red-orange, slightly plastic,
weak; slightly sandy (fine-grained)
- 3.7- 5.5 CLAY: red-orange, slightly plastic,
weak; sandy (fine-grained)
(decomposed sandstone)

Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 871 (Grid Ref. 867 095)

- 0.0- 0.9 LOAM: orange-brown, clayey
- 0.9- 2.7 SAND: dark red-orange, fine-grained; clayey; silty
- 2.7- 3.7 CLAY: red-orange, non-plastic, weak; sandy (fine-grained); rare pebbles of ironstone to 5 mm (decomposed sandstone, ironstone)
- 3.7- 4.6 CLAY: red, orange, white, mottled, slightly plastic, weak; sandy (mainly fine-grained); 5% ironstone material

Water not intersected

CS 872 (Grid Ref. 868 081)

- 0.0- 1.8 SAND: brown-orange, fine-grained, with rare medium and coarse-grains. slightly clayey
- 1.8- 4.6 SAND: orange-brown, orange, white-orange, fine to medium-grained; common ironstone pebbles to 15 mm; rare silty blebs (decomposed sandstone, ironstone)

Water not intersected

CS 873 (Grid Ref. 870 074)

- 0.0- 0.9 SOIL: brown, clayey
- 0.9- 1.8 CLAY: red, orange, brown, semi-plastic, weak; rare quartz and ironstone material
- 1.8- 2.7 CLAY: orange, slightly plastic, weak; 10% quartz, shale chips
- * 2.7- 4.6 CLAY: light orange, yellow-white, slightly plastic, weak; occasional quartz, shale and ironstone pebbles and chips (decomposed shale)
- * 4.6-13.7 CLAY: yellow, orange, white, slightly plastic, weak; rare chips of quartz and shale (decomposed shale)

Water intersected at 13.4 m

CS 874 (Grid Ref. 872 066)

- 0.0- 0.9 SOIL: brown, 30% quartz pebbles to 20 mm
- 0.9- 2.7 SOIL: brown, 15% quartz pebbles to 10 mm
- 2.7- 3.7 LOAM: brown, quartz chips and pebbles to 10 mm
- + 3.7- 4.6 SAND: brown, fine to coarse-grained; occasional quartz pebbles to 15 mm

* Clay firing tests carried out, see elsewhere for results.

+ Sand sieve analysis carried out, see elsewhere for results.

CS 874 (cont.)

- + 4.6- 6.4 SAND: brown, fine to coarse-grained; clayey
- 6.4- 7.3 SAND: light brown, fine to coarse-grained; clayey
- 7.3- 9.1 CLAY: grey-red, plastic, weak; sandy (fine to coarse-grained)

Water intersected at 4.6 m

CS 875 (Grid Ref. 870 057)

- 0.0- 0.9 SOIL: light yellow-brown, clayey; common pebbles of shale, phyllite to 15 mm
- 0.9- 4.0 CLAY: light yellow-brown, plastic, weak; rare chips and small pebbles of shale (decomposed shale) to 20 mm

Water not intersected

CS 876 (Grid Ref. 889 066)

- 0.0- 0.9 SOIL: red, brown, clayey; sandy (fine-grained)
- 0.9- 2.7 CLAY: red, orange, slightly plastic, weak; sandy (fine-grained)
- 2.7- 4.6 SANDSTONE: decomposed, yellow, orange, brown, fine-grained, common clayey blebs

Water not intersected

CS 877 (Grid Ref. 875 059)

- 0.0- 0.9 SOIL: mottled, brown, orange, clayey, slightly sandy (fine-grained) 10% carbonaceous material
- 0.9- 5.5 CLAY: orange, slightly plastic, weak; sandy (fine-grained); silty; occasional quartz and ironstone fragments

Water not intersected

CS 878 (Grid Ref. 872 049)

- 0.0- 0.9 LOAM: light grey, yellow, clayey, silty
- 0.9- 1.8 CLAY: yellow-brown, slightly plastic, weak; silty
- 1.8- 2.7 CLAY: dark brown, plastic, weak; slightly carbonaceous
- * 2.7- 5.5 CLAY: khaki, yellow, brown, plastic, weak; rare quartz and ironstone chips
- 5.5- 7.3 CLAY: mottled green, grey, brown, slightly plastic, weak; slightly sandy (fine-grained) 25% shale fragments, 5% quartz

*Clay firing tests carried out, see elsewhere for results.

+Sand sieve analysis carried out, see elsewhere for results.

CS 878 (cont.)

7.3- 8.2 CLAY:

green, grey, brown, slightly plastic, weak; 25% shale, quartz fragments (approx to 5 mm) in clay matrix.

Water not intersected

CS 879 (Grid Ref. 873 038)

0.0- 0.9 CLAY:

red-brown, slightly plastic, weak; few quartz grains; slightly silty; iron stained

0.9- 4.6 CLAY:

light orange-tan, brown, slightly plastic, weak; silty with 20% shale rock fragments

Water not intersected

CS 880 (Grid Ref. 879 045)

0.0- 0.9 CLAY:

red-brown, plastic, weak; rare quartz grains; rare carbonaceous fragments; slightly silty

0.9- 4.6 CLAY:

light brown, slightly plastic, weak; silty with 20-25% shale rock fragments to 10 mm

Water not intersected

CS 881 (Grid Ref. 883 057)

0.0- 0.9 CLAY:

mottled, grey, plastic, weak; rare carbonaceous fragments; silty

* 0.9- 2.7 CLAY:

mottled orange-brown to brown, plastic, weak; silty; carbonaceous fragments; rare quartz fragments

* 2.7- 3.7 CLAY:

brown, plastic, weak; silty

3.7- 4.6 CLAY:

red-brown, plastic, weak; silty; 10% quartz fragments to 6 mm

* 4.6- 7.3 CLAY:

light brown, plastic, weak; silty, occasional quartz fragments 4-6 mm; rare carbonaceous fragments

* 7.3- 8.2 CLAY:

light grey, brown, plastic, weak; silty

8.2- 9.1 CLAY:

light yellow, grey, brown, plastic, weak to moderately strong; common yellow silty patches.

9.1-11.0 CLAY:

light yellow-grey, brown, semi-plastic moderately strong; silty; 20% gravel (quartz pebbles and rock fragments to 4 mm)

Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 882 (Grid Ref. 885 047)

- 0.0- 0.9 CLAY: dark brown, slightly plastic, weak; silty, 5% carbonaceous fragments, quartz pebbles
- 0.9- 1.8 CLAY: mottled red, brown, plastic, weak; carbonaceous fragments, common iron staining; quartz pebbles to 3 mm
- 1.8- 2.7 SANDSTONE: decomposed; orange-brown, fine-grained; slightly clayey
- 2.7- 4.6 CLAY: light orange-brown, slightly plastic, weak; 5% quartz fragments to 5 mm

Water not intersected

CS 883 (Grid Ref. 889 039)

- 0.0- 0.9 CLAY: grey, slightly plastic, weak; silty
- * 0.9- 2.7 CLAY: brown, yellow-brown, plastic, weak; 10% quartz, siltstone, ironstone fragments, rare carbonaceous fragments
- 2.7- 3.7 CLAY: mottled grey, white, plastic, weak; kaolinitic; rare quartz grains
- 3.7- 7.3 CLAY: light brown, slightly plastic, weak; 10% shale fragments 5 mm

Water not intersected

CS 884 (Grid Ref. 896 034)

- 0.0- 0.9 CLAY: dark brown, slightly plastic, weak; sandy (fine to medium-grained) carbonaceous fragments
- 0.9- 2.7 SANDSTONE: decomposed; fine-grained (laterite), dark red

Water not intersected

CS 885 (Grid Ref. 903 035)

- 0.0- 0.9 CLAY: mottled red-brown, slightly plastic, weak; sandy (fine to coarse-grained) carbonaceous fragments
- 0.9- 4.6 SANDSTONE: decomposed; red, brown, orange, fine to medium-grained; rare quartz pebbles to 5 mm

Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 886 (Grid Ref. 903 040)

- 0.0- 0.9 CLAY: mottled grey, brown, plastic, weak; sandy (medium-grained); rare carbonaceous fragments
- 0.9- 4.6 CLAY: red, brown, orange, slightly plastic, weak; sandy (medium to coarse-grained) (decomposed sandstone)

Water not intersected

CS 887 (Grid Ref. 902 032)

- 0.0- 0.6 CLAY: red-brown, slightly plastic, weak; sandy (medium to coarse-grained)
- 0.6- 2.7 CLAY: red-brown, slightly plastic, weak; sandy (fine to medium-grained); quartz pebbles to 5 mm; (decomposed sandstone)

Water not intersected

CS 888 (Grid Ref. 899 026)

- 0.0- 0.9 CLAY: orange-brown, plastic, weak; silty
- 0.9- 1.8 CLAY: dark brown, plastic, weak; silty; rare quartz pebbles to 2 mm
- * 1.8- 2.7 CLAY: orange-brown, plastic, weak, silty
- * 2.7-13.7 CLAY: brown, plastic, weak; slightly silty

Water not intersected

CS 889 (Grid Ref. 904 030)

- 0.0- 0.9 CLAY: dark brown, plastic, weak; silty, iron-stained, ironstones to 3 mm; rare carbonaceous fragments
- * 0.9- 2.7 CLAY: brown, plastic, weak; iron-stained; ironstones to 2 mm; rare carbonaceous fragments; silty
- * 2.7- 4.6 CLAY: yellow-brown, plastic, weak; silty

Water not intersected

CS 890 (Grid Ref. 910 030)

- 0.0- 1.8 CLAY: brown, plastic, weak; silty; iron-stained; rare ironstones to 3 mm; rare carbonaceous fragments
- * 1.8- 6.4 CLAY: dark brown, orange-brown, plastic, weak; slightly silty; rare pebbles to 2 mm
- 6.4- 9.1 CLAY: orange-brown, plastic, weak; silty; sandy (fine to medium-grained); 35% quartz gravel to 10 mm

Water not intersected

* Clay firing tests carried out, see elsewhere for results

CS 891 (Grid Ref. 881 034)

- 0.0- 0.9 CLAY: red-brown, slightly plastic, weak; silty; sandy (fine-grained), carbonaceous fragments
- 0.9- 4.6 CLAY: light yellow-brown, slightly plastic, weak; silty, 20% rock fragments, shale to 6 mm
- Water not intersected

CS 892 (Grid Ref. 887 031)

- 0.0- 0.6 SOIL: sandy with quartz gravel
- 0.6- 1.8 CLAY: red-brown, plastic, weak; slightly silty; iron-stained
- 1.8- 4.6 CLAY: light yellow-brown, slightly plastic, weak; rock fragments (shale) to 8 mm; 10% decomposed shale
- Water not intersected

CS 893 (Grid Ref. 887 025)

- 0.0- 0.9 CLAY: mottled orange-brown, brown, plastic, weak; silty; rare quartz pebbles to 2 mm
- 0.9- 1.8 CLAY: red, plastic, weak; slightly silty
- 1.8- 2.7 CLAY: orange-brown, plastic, weak; silty, 10% quartz fragments to 8 mm
- * 2.7- 4.6 CLAY: light brown, plastic, weak; silty
- 4.6- 6.4 CLAY: yellow, brown, slightly plastic, weak; 15% rock fragments to 15 mm (shale); 15% decomposed shale
- Water not intersected

CS 894 (Grid Ref. 891 027)

- 0.0- 0.9 CLAY: orange-brown, plastic, weak; silty; common carbonaceous fragments
- 0.9- 1.8 CLAY: mottled light yellow-brown, plastic, weak; slightly silty
- 1.8- 4.6 CLAY: light yellow, slightly plastic, weak; silty, 5% shale fragments to 2 mm (decomposed shale)
- Water not intersected

CS 895 (Grid Ref. 899 030)

- 0.0- 0.9 CLAY: brown, slightly plastic, weak; silty; rare carbonaceous fragments

* Clay firing tests carried out, see elsewhere for results.

CS 895 (cont.)

* 0.9- 9.1 CLAY:

brown, plastic, weak; slightly silty; river gravel at 9.1 m

Water intersected at 6.4 m

CS 896 (Grid Ref. 902 049)

0.0- 4.6 CLAY:

red, slightly plastic, weak; sandy (fine-grained); 10% shale (?) fragments to 2 mm; ironstone to 3 mm

Water not intersected

CS 897 (Grid Ref. 914 059)

0.0- 0.9 SOIL:

red-brown, sandy, clayey

0.9- 1.8 CLAY:

mottled orange, brown, slightly plastic, weak; silty; 10% quartz pebbles to 3 mm

* 1.8- 2.7 CLAY:

red, grey, plastic, moderately strong; slightly silty

Water not intersected

CS 898 (Grid Ref. 880 081)

0.0- 1.2 SOIL:

brown-black, sandy (medium-grained); clayey; carbonaceous fragments

1.2- 2.7 CLAY:

orange, red-brown, slightly plastic, weak; sandy (medium-grained)

* 2.7- 5.5 CLAY:

white, pink, slightly plastic, weak; sandy (fine-grained)

Water intersected at 5.2 m

CS 900 (Grid Ref. 940 123)

0.0- 0.9 SAND:

grey, black, fine to medium-grained; moderately clean

0.9- 2.7 CLAY:

grey, light brown, light orange, slightly plastic, weak; sandy (fine to medium-grained)

2.7- 4.6 CLAY:

red-brown, non-plastic, weak, sandy (fine to medium-grained)

4.6- 6.4 CLAY:

grey, light orange bands, slightly plastic, weak; sandy (fine-grained)

Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 901 (Grid Ref. 938 124)

0.0- 0.9 SAND: brown, grey-orange, medium to coarse-grained, moderately clayey

0.9- 4.6 CLAY: red, non-plastic, weak; sandy (fine to coarse-grained)

Water not intersected

CS 902 (Grid Ref. 931 132)

0.0- 0.9 SAND: brown, fine-grained, slightly clayey

0.9- 1.8 CLAY: brown, non-plastic, weak; sandy (fine-grained)

1.8- 2.7 CLAY: mottled, red-grey, yellow, semi-plastic, weak; slightly sandy (fine-grained); common ironstone pebbles to 10 mm

2.7- 4.6 CLAY: mottled, grey, orange, red; slightly plastic, weak; sandy (fine to medium-grained), common ironstone pebbles and fragments to 10 mm

Water not intersected

CS 929 (Grid Ref. 876 134)

0.0- 0.9 CLAY: mottled, orange, brown, grey, plastic, weak; sandy (fine-grained)

0.9- 1.8 CLAY: red-brown, brown, sandy (fine to medium-grained)

1.8- 2.7 CLAY: brown, grey, yellow, plastic, weak; sandy (fine to coarse-grained)

2.7- 4.6 CLAY: grey, brown, plastic, weak; sandy (fine-grained)

Water not intersected

CS 930 (Grid Ref. 883 134)

0.0- 0.9 SAND: brown, dark grey, medium-grained; clayey, common small quartz pebbles to 3 mm

0.9- 1.8 SAND: brown, medium-grained; clayey

1.8- 2.7 CLAY: brown, slightly plastic, weak; sandy (medium-grained)

2.7- 4.6 CLAY: brown, grey, slightly plastic, weak; sandy (medium to coarse-grained)

Water not intersected

CS 933 (Grid Ref. 918 130)

- 0.0- 0.9 SAND: brown, dark grey brown, fine-grained; clayey
- 0.9- 2.7 CLAY: brown, plastic, weak; sandy (medium-grained)
- * 2.7- 3.7 CLAY: brown, plastic, moderately strong; slightly sandy (fine-grained)
- * 3.7- 4.6 CLAY: light pinkish brown, yellow; slightly sandy (fine-grained)
- 4.6- 6.0 CLAY: dark pink, brown, sandy (medium-grained)
- 6.0- 6.4 SAND: brown, fine-grained; clayey
- Water not intersected

CS 934 (Grid Ref. 922 129)

- 0.0- 0.9 CLAY: mottled, grey, brown, orange, semi-plastic, weak; sandy (fine-grained)
- * 0.9- 2.2 CLAY: brown, orange, khaki, grey, plastic, strong; slightly sandy (fine-grained)
- + 2.2- 4.6 SAND: grey, medium-grained; moderately clean
- + 4.6- 5.8 SAND: grey, medium to coarse-grained; moderately clean
- + 5.8- 9.1 SAND: medium to coarse-grained; slightly clayey
- 9.1-10.1 SAND: grey, medium-grained; clayey
- Water intersected at 3.7 m

CS 935 (Grid Ref. 918 125)

- 0.0- 0.9 CLAY: dark, grey brown, weak; sandy (fine-grained)
- * 0.9- 1.8 CLAY: brown, grey, orange, plastic, moderately strong; slightly sandy (fine-grained)
- + 1.8- 5.5 SAND: grey, medium to coarse-grained; clean; common small quartz pebbles to 10 mm
- 5.5- 6.4 SAND: grey, brown, medium to coarse-grained; clayey
- 6.4- 7.0 CLAY: brown, white, grey, slightly plastic, weak; sandy (medium-grained)
- 7.0- 7.3 SAND: grey, medium-grained; slightly clayey
- Water intersected at 1.8 m

* Clay firing tests carried out, see elsewhere for results.
 + Sand sieve analysis carried out, see elsewhere for results.

CS 936 (Grid Ref. 923 124)

- 0.0- 0.9 CLAY: khaki, red, brown, grey, non-plastic, weak; sandy (medium-grained)
- 0.9- 2.7 CLAY: red, grey, weak; sandy (medium-grained); crumbly
- 2.7- 4.6 CLAY: pink brown, grey, slightly plastic, weak; sandy (fine-grained) occasional ironstone pebbles to 30 mm

Water not intersected

CS 937 (Grid Ref. 926 112)

- 0.0- 1.8 SAND: red-brown, fine-grained; clayey
- 1.8- 2.7 CLAY: red, non-plastic, weak; sandy (fine-grained)
- * 2.7- 3.7 CLAY: grey, light brown, plastic, strong; occasional small ironstone pebbles to 10 mm
- * 3.7- 4.6 CLAY: grey, plastic, strong; slight ironstone fragments
- * 4.6- 5.5 CLAY: light brown, grey, plastic, moderately strong; common small ironstone pebbles
- * 5.5- 7.3 CLAY: pink-brown, grey, semi-plastic, weak; slightly sandy; common ironstone pebbles and fragments

Water not intersected

CS 938 (Grid Ref. 911 104)

- 0.0- 0.9 SAND: brown, fine to medium-grained; clayey
- 0.9- 1.8 CLAY: pink brown, non-plastic, weak; sandy (medium-grained), common ironstone pebbles to 15 mm
- 1.8- 4.6 CLAY: pink-brown, grey, non-plastic, weak; sandy (medium to coarse-grained)

Water not intersected

CS 939 (Grid Ref. 896 112)

- 0.0- 0.9 CLAY: light brown, non-plastic, weak; sandy (fine-grained)
- 0.9- 1.8 CLAY: brown, slightly plastic, weak; sandy (medium to coarse-grained)
- 1.8- 2.7 CLAY: light pink, grey, slightly plastic, weak; sandy (coarse-grained)

* Clay firing tests carried out, see elsewhere for results.

CS 939 (cont.)

- * 2.7- 4.6 CLAY: grey, pink-red, plastic, strong; slightly sandy (fine-grained); small ironstone chips and fragments
- * 4.6- 6.4 CLAY: grey, pink, red, semi-plastic; sandy (fine to coarse-grained); occasional small ironstone pebbles
- * 6.4- 7.3 CLAY: light pink-brown, plastic, moderately strong; slightly sandy (fine-grained)
- * 7.3-10.6 CLAY: pink-grey, plastic, weak to moderately strong; slightly sandy (fine-grained)
- * 10.6-11.9 CLAY: brown, plastic, weak; slightly sandy (fine-grained)
- * 11.9-13.7 CLAY: as above
- * 13.7-14.6 CLAY: grey, white, plastic, moderately strong; slightly sandy (fine-grained)
- 14.6-15.5 CLAY: orange, yellow, white, plastic, weak; sandy (fine-grained)

Water intersected at 11.9 m

CS 940 (Grid Ref. 875 127)

- 0.0- 0.9 CLAY: mottled, red, orange, grey, brown, plastic, moderately strong; sandy (medium-grained)
- * 0.9- 2.7 CLAY: mottled, brown, yellow, grey, red, plastic, moderately strong, slightly sandy (medium-grained); slight ironstone fragments
- * 2.7- 3.7 CLAY: pink-brown, grey, yellow red, plastic, moderately strong; slightly sandy (medium-grained)
- 3.7- 4.6 CLAY: brown, grey, plastic, weak; sandy (medium-grained)

Water not intersected

CS 941 (Grid Ref. 874 121)

- 0.0- 0.9 SAND: light brown, yellow, medium-grained; clayey
- 0.9- 1.8 CLAY: light brown pink, slightly plastic, weak, sandy (medium to coarse-grained)
- 1.8- 2.7 CLAY: brown, grey, slightly plastic, weak; sandy (fine to medium-grained)
- * 2.7- 3.7 CLAY: mottled brown, grey, yellow, red, plastic, strong, slightly sandy (fine-grained)
- * 3.7- 4.6 CLAY: brown, grey, red, plastic, strong; slightly sandy (fine-grained)

* Clay firing tests carried out, see elsewhere for results.

CS 941 (cont.)

- * 4.6- 5.5 CLAY: brown, plastic, moderately strong; slightly sandy (fine to medium-grained)
- 5.5- 6.4 CLAY: brown, plastic, weak; sandy (fine to medium-grained)
- Water not intersected

CS 942 (Grid Ref. 883 121)

- 0.0- 0.9 SAND: yellow black, fine to medium-grained; slightly clayey
- 0.9- 1.8 CLAY: brown, light brown, red, plastic, moderately strong; sandy (medium to coarse-grained)
- 1.8- 2.7 CLAY: brown, light pink, plastic, moderately strong, sandy (medium to coarse-grained)
- 2.7- 4.6 CLAY: dark pink, slightly plastic, weak; sandy (medium-grained)
- Water not intersected

CS 943 (Grid Ref. 885 108)

- 0.0- 0.9 SAND: dark yellow, black, fine-grained; slightly clayey
- 0.9- 1.8 SAND: brown, fine to medium-grained; clayey
- 1.8- 2.7 SAND: light brown, grey, fine to medium-grained; clayey
- + 2.7- 4.6 SAND: grey, fine to coarse-grained; slightly clayey
- 4.6- 5.5 SAND: grey, medium-grained; clayey
- Water not intersected

CS 944 (Grid Ref. 879 101)

- 0.0- 0.9 SAND: yellow brown, black, fine-grained; slightly clayey
- 0.9- 1.8 CLAY: red-brown, plastic, weak; sandy (coarse-grained)
- * 1.8- 2.7 CLAY: mottled, grey, yellow, red, brown, plastic, strong; slightly sandy; occasional coarse-grained ironstone fragments
- 2.7- 4.6 CLAY: grey, brown, plastic, moderately strong; sandy (coarse-grained); common ironstone pebbles
- Water not intersected

* Clay firing tests carried out, see elsewhere for results.
 + Sand sieve analysis carried out, see elsewhere for results.

CS 945 (Grid Ref. 894 103)

- + 0.0- 1.8 SAND: grey, light brown, fine-grained; clean
- + 1.8- 2.7 SAND: grey, light brown, fine-grained; clean
- + 2.7- 4.6 SAND: grey, light brown, fine to medium-grained; slightly clayey
- 4.6- 6.4 SAND: grey, black, medium to coarse-grained; clayey

Water not intersected

CS 946 (Grid Ref. 945 127)

- 0.0- 0.9 CLAY: grey, plastic, moderately strong; sandy, (fine-grained)
- 0.9- 1.8 CLAY: brown, grey, plastic, moderately strong; sandy (fine-grained)
- 1.8- 2.7 SAND: brown, fine-grained; clayey
- + 2.7- 3.7 SAND: grey, medium to coarse-grained; slightly clayey
- 3.7- 4.6 SAND: as above; clayey
- 4.6- 5.5 CLAY: mottled brown, dark orange, grey, red, plastic, moderately strong; sandy (fine to medium-grained)

Water not intersected

CS 947 (Grid Ref. 944 117)

- 0.0- 0.9 SAND: brown, fine-grained; clayey
- 0.9- 1.8 SAND: light brown, light orange, fine-grained; clayey
- 1.8- 2.7 CLAY: brown, slightly plastic, weak; sandy (fine-grained)
- + 2.7- 4.6 SAND: light brown, fine-grained; clean
- 4.6- 5.5 SAND: grey, fine to coarse-grained; clayey
- 5.5- 6.4 CLAY: brown, grey, slightly plastic, weak; sandy (medium to coarse-grained)

+ Sand sieve analysis carried out, see elsewhere for results.

CS 948 (Grid Ref. 924 038)

- * 0.0- 1.8 CLAY: brown, khaki, dark grey, plastic, strong; slightly sand (fine-grained)
- * 1.8- 3.7 CLAY: brown, khaki, plastic, strong; slightly sandy, (fine-grained)
- 3.7- 4.6 CLAY: khaki, brown, plastic, moderately strong, sandy (medium-grained); occasional quartz pebbles to 10 mm

Water not intersected

CS 949 (Grid Ref. 921 035)

- 0.0- 0.9 CLAY: brown, plastic, moderately strong; slightly sandy (fine-grained)
- * 0.9- 1.8 CLAY: khaki, grey, brown, plastic, strong; slightly sandy (fine-grained)
- * 1.8- 2.7 CLAY: brown, grey, plastic, moderately strong, slightly sandy (fine-grained); occasional ironstone pebbles
- * 2.7- 6.4 CLAY: brown, khaki, plastic, strong; slightly sandy (fine-grained)
- 6.4- 7.3 CLAY: khaki, plastic, strong; sandy (fine-grained)

Water not intersected

CS 950 (Grid Ref. 919 039)

- * 0.0- 2.7 CLAY: khaki, plastic, strong; slightly sandy (fine-grained); common pebbles to 5 mm
- 2.7- 3.7 CLAY: as above
- * 3.7- 6.4 CLAY: brown, plastic, strong; slightly sandy (fine-grained)
- 6.4- 7.3 CLAY: brown, plastic, strong; sandy (fine to coarse-grained)

Water not intersected

CS 951 (Grid Ref. 916 033)

- 0.0- 0.9 TOP SOIL: brown, slightly clayey
- 0.9- 1.8 CLAY: dark khaki, brown, semi-plastic, weak; sandy (fine-grained)
- * 1.8- 3.7 CLAY: khaki, grey-brown, plastic, strong; slightly sandy (fine-grained)

* Clay firing tests carried out, see elsewhere for results.

CS 951 (cont.)

- * 3.7- 4.6 CLAY: dark khaki-grey, plastic, strong; slightly sandy (fine-grained)
- 4.6- 6.4 CLAY: dark brown, plastic, moderately strong; sandy (medium to coarse-grained)

Water not intersected

CS 952 (Grid Ref. 910 038)

- 0.0- 0.9 CLAY: brown, grey, orange, plastic, weak; sandy (medium to coarse-grained)
- * 0.9- 1.8 CLAY: grey, plastic, strong; slightly sandy (fine-grained)
- * 1.8- 2.7 CLAY: khaki, brown, slightly plastic, weak; slightly sandy (fine-grained)
- 2.7- 3.7 CLAY: brown, slightly plastic, weak; sandy (fine-grained)
- 3.7- 4.6 SAND: grey, coarse-grained; clayey

Water not intersected

CS 953 (Grid Ref. 912 041)

- 0.0- 1.8 CLAY: khaki, plastic, strong; sandy (coarse-grained)
- 1.8- 3.7 CLAY: red-brown, plastic, moderately strong; sandy (coarse-grained) common quartz pebbles to 15 mm
- 3.7- 4.6 CLAY: burnt orange, brown, grey, plastic, weak; sandy (coarse-grained)

Water not intersected

CS 954 (Grid Ref. 914 045)

- 0.0- 1.8 CLAY: grey, slightly plastic, weak; sandy (fine to medium-grained)
- 1.8- 2.7 SAND: grey, fine-grained; clayey
- 2.7- 4.6 SAND: light brown, fine to coarse-grained; clayey
- 4.6- 5.5 CLAY: brown, slightly plastic, weak; sandy (coarse-grained)

Water not intersected

CS 955 (Grid Ref. 904 056)

- 0.0- 0.9 CLAY: dark grey, plastic, weak; sandy (fine-grained)
- * 0.9- 1.8 CLAY: dark brown, black, plastic, moderately strong; slightly silty

* Clay firing tests carried out, see elsewhere for results.

CS 955 (cont.)

- * 1.8- 2.7 CLAY: khaki, plastic, strong
- * 2.7- 3.7 CLAY: brown, plastic, moderately strong; slightly sandy (fine-grained)
- 3.7- 4.6 CLAY: brown, plastic, moderately strong; sandy (fine-grained)

Water not intersected

CS 956 (Grid Ref. 916 028)

- * 0.0- 1.8 CLAY: dark brown, plastic, strong; slightly sandy (fine-grained)
- * 1.8- 3.7 CLAY: mottled grey, brown, orange, red; slightly sandy (fine-grained); common ironstone chips and fragments
- * 3.7- 4.6 CLAY: brown, plastic, moderately strong slightly sandy (fine-grained)
- * { 4.6- 6.1 CLAY: dark brown, plastic, moderately strong; sandy (fine-grained)
- 6.1- 6.4 CLAY: brown, grey, slightly plastic, weak; sandy (fine-grained)

Water not intersected

CS 957 (Grid Ref. 924 029)

- 0.0- 2.7 CLAY: red, slightly plastic, weak; sandy (medium-grained); crumbly
- 2.7- 3.7 CLAY: brown, semi-plastic, weak; sandy (fine to coarse-grained)
- 3.7- 5.5 CLAY: pink, semi-plastic, weak; sandy (medium to coarse-grained)

Water not intersected

CS 958 (Grid Ref. 926 025)

- * 0.0- 2.7 CLAY: dark brown, plastic, weak to moderately strong; silty
- * 2.7- 3.7 CLAY: brown, dark yellow, plastic, moderately strong; slightly sandy (fine-grained)
- * 3.7- 5.5 CLAY: dark brown, slightly plastic, weak; sandy (fine-grained)

Water not intersected

CS 959 (Grid Ref. 931 024)

- 0.0- 4.6 CLAY: dark brown, slightly plastic, weak; sandy (fine-grained); silty

Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 960 (Grid Ref. 932 034)

- * 0.0- 0.9 CLAY: khaki, plastic, moderately strong; slightly silty
- * 0.9- 2.7 CLAY: brown, grey, khaki, black, plastic, strong; slightly silty
- * 2.7- 4.6 CLAY: as above; common pebbles to 5 mm
- * 4.6- 7.3 CLAY: khaki-brown, plastic, strong; slightly silty
- * 7.3-10.1 CLAY: dark brown, khaki, plastic, strong; slightly sandy; occasional quartz pebbles to 20 mm

Water not intersected

CS 961 (Grid Ref. 929 031)

- 0.0- 0.9 CLAY: khaki, plastic, strong; slightly sandy
- * 0.9- 1.8 CLAY: dark brown, plastic, weak; silty
- * 1.8- 3.7 CLAY: dark brown, khaki, grey, plastic, strong; slightly sandy (fine-grained)
- * 3.7- 5.5 CLAY: dark grey, black, plastic, strong; slightly silty
- * 5.5- 8.2 CLAY: khaki, brown, plastic, strong; slightly sandy; occasional ironstone pebbles to 5 mm

Water intersected at 3.0 m

CS 962 (Grid Ref. 930 040)

- * 0.0- 1.8 CLAY: khaki, brown, plastic, moderately strong; slightly sandy (medium-grained)
- 1.8- 3.7 CLAY: brown, semi-plastic, weak; sandy (fine to medium-grained)
- 3.7- 4.6 CLAY: dark brown, slightly plastic, weak; sandy (fine to medium-grained)

Water not intersected

CS 963 (Grid Ref. 937 030)

- * 0.0- 0.9 CLAY: khaki, grey, brown, plastic, strong; slightly silty
- * 0.9- 1.8 CLAY: brown, grey, orange, plastic, strong; slightly sandy (fine-grained)
- * 1.8- 2.7 CLAY: brown, plastic, moderately strong; slightly sandy (fine to medium-grained)
- * 2.7- 4.6 CLAY: as above; occasional ironstone pebbles to 5 mm

* Clay firing tests carried out, see elsewhere for results.

CS 963 (cont.)

- * 4.6- 5.5 CLAY: brown, plastic, moderately strong; slightly sandy (fine to medium-grained)
- 5.5- 6.4 CLAY: khaki, brown, grey, orange, plastic, strong; sandy (medium-grained); common ironstone chips and fragments
- Water not intersected

CS 964 (Grid Ref. 939 033)

- * 0.0- 0.9 CLAY: khaki, plastic, strong; slightly sandy (fine-grained)
- * 0.9- 1.8 CLAY: dark brown, grey, orange, plastic, strong; slightly sandy (fine-grained)
- * 1.8- 2.7 CLAY: brown, grey, orange, plastic, strong; slightly sandy (fine-grained)
- 2.7- 4.6 CLAY: brown, plastic, weak; sandy (fine to medium-grained)
- Water not intersected

CS 965 (Grid Ref. 944 031)

- 0.0- 2.7 CLAY: light grey, pink, slightly plastic, weak; sandy (fine to medium-grained); occasional quartz pebbles to 30 mm
- * 2.7- 3.7 CLAY: grey, pink, plastic, moderately strong; slightly sandy (fine to medium-grained)
- * 3.7- 4.6 CLAY: brown, plastic, moderately strong; slightly sandy (fine-grained)
- 4.6- 5.5 CLAY: brown, plastic, weak; sandy (fine to medium-grained)
- Water not intersected

CS 966 (Grid Ref. 914 051)

- 0.0- 0.9 CLAY: khaki, brown, slightly plastic, weak; sandy (coarse-grained)
- * 0.9- 1.8 CLAY: mottled brown, grey, red, plastic, strong; slightly sandy (fine-grained)
- 1.8- 4.6 CLAY: mottled pink, brown, grey, slightly plastic, weak; sandy (coarse-grained); common quartz pebbles to 10 mm
- Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 967 (Grid Ref. 910 054)

- * 0.0- 0.9 CLAY: dark brown, plastic, strong; slightly silty
- * 0.9- 1.8 CLAY: brown, slightly plastic, strong; slightly sandy, (fine-grained)
- * 1.8- 2.7 CLAY: dark brown, slightly plastic, moderately strong; slightly silty
- 2.7- 4.6 CLAY: dark brown, slightly plastic, weak; sandy (fine-grained); silty

Water not intersected

CS 968 (Grid Ref. 901 023)

- * 0.0- 0.9 CLAY: red, grey brown, plastic, strong; slightly sandy (fine-grained)
- * 0.9- 1.8 CLAY: brown, plastic, moderately strong; slightly sandy (fine-grained)
- 1.8- 2.7 CLAY: brown, slightly plastic, weak; sandy (fine to medium-grained)
- 2.7- 5.5 CLAY: dark brown, slightly plastic, weak; sandy (fine-grained)

Water not intersected

CS 969 (Grid Ref. 906 026)

- 0.0- 0.9 CLAY: brown, slightly plastic, weak; sandy (fine-grained)
- 0.9- 1.8 CLAY: dark brown, slightly plastic, weak; silty
- * 1.8- 2.7 CLAY: light brown, plastic, moderately strong; slightly sandy (fine-grained)
- * 2.7- 7.3 CLAY: dark brown, semi-plastic, weak; slightly sandy (fine-grained)

Water not intersected

CS 970 (Grid Ref. 901 019)

- * 0.0- 0.9 CLAY: red-brown, grey, plastic, strong; slightly sandy (fine to coarse-grained)
- * 0.9- 2.7 CLAY: mottled pink brown, red, grey, plastic strong; slightly sandy (fine-grained)
- 2.7- 4.6 CLAY: pink-brown, plastic, moderately strong; sandy (medium-grained)

Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 971 (Grid Ref. 900 014)

0.0- 0.9 CLAY: light brown, grey, plastic, moderately strong, slightly sandy (coarse-grained)

0.9- 4.6 CLAY: light brown, yellow, semi-plastic, weak; sandy (fine-grained)

Water not intersected

CS 972 (Grid Ref. 900 009)

* 0.0- 0.9 CLAY: mottled brown, red, grey, plastic, strong; slightly sandy (fine-grained)

* 0.9- 2.7 CLAY: dark brown, grey, red, plastic, strong; slightly sandy (fine-grained)

* 2.7- 4.6 CLAY: dark grey, red, plastic, weak; slightly sandy (fine-grained); common ironstone chips and fragments

* 4.6- 6.4 CLAY: as above

Water not intersected

CS 973 (Grid Ref. 904 004)

0.0- 0.9 CLAY: light brown, slightly plastic, weak; sandy (fine-grained)

0.9- 1.8 CLAY: red-brown; as above

1.8- 2.7 CLAY: as above

2.7- 4.6 CLAY: pink, grey, slightly plastic, weak; sandy (medium-grained)

Water not intersected

CS 974 (Grid Ref. 893 107)

* 0.0- 1.8 CLAY: khaki, plastic, strong; slightly silty; occasional pebbles (10 mm)

* 1.8- 2.7 CLAY: dark brown, orange, slightly plastic, moderately strong; slightly sandy (fine-grained)

* 2.7- 3.7 CLAY: dark brown, black, plastic, strong; slightly silty

* 3.7- 4.6 CLAY: khaki, plastic, strong; slightly sandy (fine-grained)

* 4.6- 5.5 CLAY: brown, plastic, moderately strong; sandy (fine to medium-grained)

5.5- 6.4 CLAY: as above

Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 975 (Grid Ref. 889 010)

- 0.0- 0.9 CLAY: grey, brown, semi-plastic, weak; silty
- 0.9- 1.8 CLAY: khaki, brown, orange, plastic, moderately strong, slightly sandy (fine-grained); common quartz pebbles and fragments to 15 mm
- * 1.8- 2.7 CLAY: brown, grey plastic, moderately strong; slightly sandy (fine-grained) occasional quartz pebbles to 10 mm
- * 2.7- 3.7 CLAY: brown, grey, plastic, strong; slightly sandy (fine-grained)
- 3.7- 4.6 CLAY: as above; sandy (fine to medium-grained)
- Water intersected at 4.6 m

CS 976 (Grid Ref. 885 013)

- 0.0- 6.4 CLAY: dark brown, black, silty
- Water not intersected

CS 977 (Grid Ref. 886 015)

- 0.0- 0.9 CLAY: dark brown, plastic, moderately strong; sandy (fine-grained)
- * 0.9- 6.4 CLAY: dark brown, semi-plastic moderately strong; slightly sandy (fine-grained)
- Water not intersected

CS 978 (Grid Ref. 882 013)

- 0.0- 2.7 CLAY: light brown, semi-plastic, weak; sandy (fine to coarse-grained); common quartz pebbles to 5 mm
- 2.7- 4.6 SAND: light brown, fine-grained; clayey; quartz pebbles to 20 mm at 4.6 m
- Water not intersected

CS 979 (Grid Ref. 878 010)

- 0.0- 0.9 CLAY: mottled orange, brown, grey, plastic, sandy (fine to medium-grained); common quartz pebbles to (10 mm)
- 0.9- 1.8 CLAY: light brown, grey, semi-plastic, weak; silty
- 1.8- 4.6 CLAY: light brown, semi-plastic, weak
- Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 981 (Grid Ref. 886 078)

0.0- 0.6 TOP SOIL: brown, sandy (fine-grained); clayey
 0.6- 1.8 CLAY: mottled red-orange, plastic, weak; silty
 1.8- 3.0 CLAY: yellow, orange, slightly plastic, weak; sandy (fine-grained)
 3.0- 4.6 CLAY: orange, brown, slightly plastic, weak; sandy (coarse-grained); occasional quartz fragments to 2 mm

Water not intersected

CS 982 (Grid Ref. 892 077)

0.0- 0.9 LOAM: brown, sandy (medium-grained)
 * 0.9- 4.6 CLAY: red, plastic, weak; slightly sandy (fine-grained); silty

Water not intersected

CS 983 (Grid Ref. 923 067)

0.0- 1.2 LOAM: orange, brown; sandy (fine-grained)
 1.2- 1.8 CLAY: red, brown, plastic, weak; silty
 1.8- 5.5 CLAY: red, brown, slightly plastic, weak; sandy (medium to coarse-grained)

Water not intersected

CS 984 (Grid Ref. 876 071)

0.0- 0.9 LOAM: orange-brown, clayey; carbonaceous fragments to 4 mm
 0.9- 2.7 CLAY: red, slightly plastic, weak; silty
 * 2.7- 5.5 CLAY: pink, brown, plastic, weak; slightly sandy (fine-grained); slightly silty

Water not intersected

CS 985 (Grid Ref. 882 073)

0.0- 0.6 TOP SOIL: brown, sandy (fine-grained); clayey
 * 0.6- 3.7 CLAY: mottled orange-brown, plastic, weak; slightly sandy (fine-grained); slightly silty; ironstone fragments to 4 mm; carbonaceous fragments to 6 mm
 3.7- 4.6 CLAY: orange, red, plastic, weak; slightly sandy (fine to medium-grained)
 4.6- 5.5 CLAY: yellow, slightly plastic, weak; sandy (medium to coarse-grained)

Water intersected at 4.6 m

* Clay firing tests carried out, see elsewhere for results.

CS 986 (Grid Ref. 976 036)

- 0.0- 0.9 CLAY: orange, brown, plastic, weak; slightly sandy (coarse-grained); silty; occasional ironstone fragments
- * 0.9- 2.1 CLAY: red, orange-brown, plastic, moderately strong; slightly silty
- * 2.1- 5.5 CLAY: orange, brown, plastic, weak; slightly sandy (fine-grained); silty

Water not intersected

CS 987 (Grid Ref. 986 034)

- 0.0- 0.9 TOP SOIL: brown, sandy (medium to coarse-grained); clayey, occasional carbonaceous fragments
- 0.9- 4.6 CLAY: orange, red, plastic, weak; slightly sandy (fine-grained); silty

Water not intersected

CS 988 (Grid Ref. 991 034)

- 0.0- 0.9 TOP SOIL: brown, very sandy (fine to medium-grained); clayey; occasional carbonaceous fragments
- 0.9- 4.6 CLAY: pink, brown, plastic, weak; slightly sandy (fine-grained); silty

Water not intersected

CS 989 (Grid Ref. 993 039)

- 0.0- 0.6 TOP SOIL: brown, sandy (fine to medium-grained); clayey, occasional carbonaceous fragments
- 0.6- 1.8 CLAY: red, orange, plastic, weak; sandy (fine-grained); silty
- 1.8- 2.7 CLAY: red-grey, plastic, weak; slightly sandy (fine-grained); silty
- * 2.7- 8.2 CLAY: pink-grey, plastic, moderately strong; slightly sandy (fine-grained); rare ironstone pebbles to 1 mm
- * 8.2- 9.7 CLAY: as above; moderately strong to strong; occasional ironstone pebbles to 3 mm
- 9.7-11.9 CLAY: yellow, brown, plastic, weak; slightly sandy (fine-grained); silty

Water intersected at 7.3 m

* Clay firing tests carried out, see elsewhere for results.

CS 990 (Grid Ref. 994 042)

- 0.0- 0.9 CLAY: mottled red-brown, grey, plastic, moderately strong; slightly silty; occasional carbonaceous fragments
- * 0.9- 5.5 CLAY: yellow, brown, plastic, weak; silty; occasional ironstone pebbles to 2 mm
- Water not intersected

CS 991 (Grid Ref. 003 044)

- 0.0- 0.3 TOP SOIL: dark brown, sandy (fine-grained); clayey
- 0.3- 1.8 CLAY: orange, brown, red-brown, plastic, weak to moderately strong; slightly silty
- 1.8- 3.7 CLAY: orange, brown, plastic, weak; slightly sandy (fine-grained); silty
- 3.7- 4.6 CLAY: grey, semi-plastic, weak; sandy (fine-grained)
- Water intersected at 3.7 m

CS 992 (Grid Ref. 987 042)

- 0.0- 0.6 TOP SOIL: dark brown, sandy (medium-grained); clayey
- 0.6- 4.6 CLAY: red, semi-plastic, weak; sandy (fine-grained); slightly silty to silty
- Water not intersected

CS 993 (Grid Ref. 983 028)

- 0.0- 0.6 TOP SOIL: brown, sandy (medium to coarse-grained); clayey
- 0.6- 3.7 CLAY: red-brown, semi-plastic, weak; sandy (medium to coarse-grained)
- Water not intersected

CS 994 (Grid Ref. 992 025)

- 0.0- 0.6 LCAM: dark brown, silty
- 0.6- 2.7 CLAY: orange, brown, plastic, weak; slightly sandy (fine-grained); silty; rare pebbles to 2 mm
- 2.7- 4.6 CLAY: orange, semi-plastic, weak; sandy (medium to coarse-grained)
- Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 995 (Grid Ref. 995 019)

- 0.0- 1.2 CLAY: mottled brown, orange-brown, plastic, weak; slightly sandy (fine-grained); silty; rare ironstone pebbles
- * 1.2- 2.7 CLAY: grey, plastic, weak to moderately strong; sandy (fine-grained); slightly silty
- * 2.7- 4.6 CLAY: blue-grey, plastic, weak; sandy (medium to coarse-grained)

Water intersected at 2.7 m

CS 996 (Grid Ref. 001 022)

- 0.0- 0.9 CLAY: yellow, brown, semi-plastic, weak; slightly sandy (fine-grained); silty; occasional ironstone pebbles to 2 mm
- * 0.9- 3.7 CLAY: light brown, orange-brown, plastic, weak to moderately strong; slightly sandy (fine-grained); slightly silty
- 3.7- 5.5 CLAY: red, brown, plastic, weak; sandy (medium to coarse-grained)

Water not intersected

CS 997 (Grid Ref. 998 027)

- 0.0- 0.9 TOP SOIL: red-brown; sandy (medium-grained); clayey; occasional ironstone pebbles to 3 mm
- * 0.9- 1.8 CLAY: grey-brown, plastic, weak to moderately strong; slightly silty
- * 1.8- 4.0 CLAY: orange-brown to yellow-brown, plastic, weak; silty
- * 4.0- 6.4 CLAY: pink, brown, plastic, weak; slightly sandy (fine-grained) silty; occasional ironstones to 10 mm

Water not intersected

CS 998 (Grid Ref. 009 011)

- 0.0- 0.6 LOAM: black, brown
- * 0.6- 1.8 CLAY: grey, brown, plastic, weak; slightly sandy (fine-grained); silty; occasional ironstone pebbles to 4 mm
- * 1.8- 5.5 CLAY: yellow-brown; plastic, weak; sandy (fine-grained); silty; occasional quartz fragments to 2 mm; occasional ironstone pebbles to 1 mm

Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 999 (Grid Ref. 006 007)

- 0.0- 0.6 TOP SOIL: brown, clayey; silty; 10% carbonaceous material
- 0.6- 1.2 CLAY: brown, plastic, weak; silty
- 1.2- 4.6 CLAY: blue-grey, plastic, weak; slightly sandy (fine-grained)

Water not intersected

CS 1000 (Grid Ref. 868 018)

- 0.0- 0.9 CLAY: light brown, grey, semi-plastic, weak; silty
- 0.9- 3.7 SHALE:

Water not intersected

CS 1001 (Grid Ref. 871 013)

- 0.0- 0.9 CLAY: mottled red, grey, brown, plastic, strong; common quartz pebbles to 10 mm; decomposed wood
- * 0.9- 2.7 CLAY: pink-brown, grey, plastic, strong; slightly sandy (fine-grained); occasional quartz pebbles to 5 mm
- * 2.7- 4.6 CLAY: red-brown, grey, as above
- 4.6- 5.5 CLAY: light brown, slightly plastic, silty; common quartz pebbles to 20 mm

Water not intersected

CS 1002 (Grid Ref. 871 019)

- 0.0- 1.8 SHALE: light brown; silty; slightly clayey
- 1.8- 3.7 SHALE: light brown; small chips and fragments; powdery

Water not intersected

CS 1003 (Grid Ref. 897 019)

- * 0.0- 0.9 CLAY: brown, grey, plastic, strong; slightly sandy (fine-grained); common pebbles to 4 mm
- * 0.9- 1.8 CLAY: mottled brown, grey, orange, red, plastic, moderately strong; slightly sandy (medium-grained); common ironstone pebbles to 4 mm
- * 1.8- 2.7 CLAY: as above; strong; slightly sandy (fine-grained)
- * 2.7- 3.7 CLAY: brown, fairly plastic, moderately strong; slightly sandy to sandy (fine-grained)
- 3.7- 5.5 CLAY: brown, slightly plastic, weak; sandy (medium-grained)

Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 1004 (Grid Ref. 893 022)

- 0.0- 0.9 CLAY: dark grey, red, brown, plastic, strong; sandy (medium-grained); quartz pebbles to 10 mm
- 0.9- 1.8 CLAY: light brown, semi-plastic, weak; sandy (fine-grained)
- 1.8- 4.6 CLAY: light brown, grey, semi-plastic, weak; silty

Water not intersected

CS 1005 (Grid Ref. 895 025)

- 0.0- 0.9 CLAY: red-brown, grey, plastic, strong; slightly sandy (fine-grained); common quartz and ironstone pebbles to 10 mm
- * 0.9- 1.8 CLAY: grey, brown, plastic, strong, slightly sandy (fine-grained); occasional quartz and ironstone pebbles to 4 mm
- * 1.8- 2.7 CLAY: brown, grey, plastic, moderately strong; slightly sandy (fine-grained)
- 2.7- 3.7 CLAY: brown, slightly plastic, moderately strong; sandy (fine to medium-grained); common quartz pebbles to 4 mm
- * 3.7- 5.5 CLAY: pink-brown, grey, plastic, moderately strong; slightly sandy (medium-grained)
- 5.5- 6.4 CLAY: light brown, slightly plastic, moderately strong; sandy (medium-grained)

Water not intersected

CS 1006 (Grid Ref. 883 993)

- 0.0- 0.9 CLAY: khaki, grey, brown, plastic, strong; sandy (coarse-grained)
- 0.9- 4.6 CLAY: brown, semi-plastic, moderately strong; sandy (coarse-grained); common quartz pebbles to 15 mm

Water not intersected

CS 1007 (Grid Ref. 875 983)

- 0.0- 0.5 CLAY: red, non-plastic, weak; sandy (fine-grained)
- 0.5- 4.6 SAND: light yellow, light brown, fine-grained; clayey

Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 1008 (Grid Ref. 872 978)

0.0- 0.9 SAND: light brown, fine-grained; clayey
 0.9- 4.6 SAND: yellow, fine-grained; slightly
 clayey; abundant chips and frag-
 ments

Water not intersected

CS 1009 (Grid Ref. 063 970)

0.0- 0.9 CLAY: brown, plastic, moderately strong;
 sandy (medium-grained)
 0.9- 4.6 CLAY: khaki, plastic, strong; sandy
 (medium-grained) occasional quartz
 and ironstone pebbles to 10 mm

Water not intersected

CS 1010 (Grid Ref. 883 958)

0.0- 0.9 CLAY: khaki, brown, plastic, moderately
 strong; sandy (medium-grained)
 0.9- 2.7 SAND: brown, medium to coarse-grained;
 clayey

Water not intersected

CS 1011 (Grid Ref. 855 999)

0.0- 0.9 CLAY: light brown, fairly plastic, moder-
 ately strong; sandy (fine-grained)
 0.9- 1.8 CLAY: brown, slightly plastic, weak
 1.8- 2.7 CLAY: brown, slightly plastic, weak,
 rock fragments

Water not intersected

CS 1012 (Grid Ref. 861 999)

0.0- 0.9 CLAY: brown, grey, orange, plastic,
 strong; sandy (medium to coarse-
 grained)
 * 0.9- 1.8 CLAY: brown, light grey, orange, plastic,
 strong; slightly sandy (fine-grained)
 * 1.8- 2.7 CLAY: khaki, grey, brown, black, plastic,
 moderately strong; slightly sandy
 (fine-grained)
 * 2.7- 3.7 CLAY: brown; slightly sandy (fine-grained);
 occasional ironstone pebbles to 4 mm
 3.7- 5.5 CLAY: dark brown; sandy (fine to medium-
 grained); common quartz pebbles to
 10 mm

Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 1013 (Grid Ref. 850 006)

0.0- 0.9 CLAY: dark brown, red, plastic, strong;
slightly sandy (fine-grained);
common quartz pebbles to 15 mm

0.9- 3.7 CLAY: slightly plastic, weak; sandy;
abundant pebbles to 20 mm

Water not intersected

CS 1014 (Grid Ref. 838 015)

0.0- 2.7 LOAM: brown, clayey; sandy (fine to
coarse-grained)

2.7- 3.7 CLAY: dark brown, semi-plastic, weak;
sandy (coarse-grained); occasional
quartz pebbles to 15 mm

3.7- 4.6 CLAY: light brown, semi-plastic, weak; sandy
(fine-grained); common pebbles
and fragments to 30 mm

Water not intersected

CS 1015 (Grid Ref. 835 008)

0.0- 0.9 CLAY: brown, slightly plastic, weak;
sandy (fine to coarse-grained)

0.9- 1.8 CLAY: brown, plastic, moderately strong;
sandy (coarse-grained) common
ironstone pebbles to 5 mm

1.8- 3.7 CLAY: brown, grey, plastic, strong;
sandy (fine to coarse-grained)

3.7- 4.6 CLAY: khaki, brown, semi-plastic,
weak; sandy

Water not intersected

CS 1016 (Grid Ref. 841 007)

0.0- 0.9 CLAY: brown, light orange, grey, slightly
plastic, weak; sandy (fine-grained)

0.9- 1.8 CLAY: dark brown; as above

1.8- 4.6 CLAY: dark khaki-brown, plastic, moder-
ately strong; sandy (fine-grained)

4.6- 5.5 CLAY: brown, semi-plastic, weak;
sandy (medium-grained)

Water not intersected

CS 1017 (Grid Ref. 877 994)

0.0- 0.9 CLAY: khaki, plastic, moderately strong;
sandy (fine-grained)

* 0.9- 1.8 CLAY: light khaki-brown, grey, plastic,
strong; slightly sandy (fine-
grained)

* 1.8- 2.7 CLAY: brown, plastic, weak; slightly sandy
(fine-grained)

* Clay firing tests carried out, see elsewhere for results.

CS 1017 (cont.)

- 2.7- 3.7 CLAY: brown, semi-plastic, weak;
sandy (fine to medium-grained)
- 3.7- 4.6 CLAY: grey, brown, orange, plastic,
moderately strong; sandy (medium
to coarse-grained); common quartz
pebbles to 15 mm
- Water intersected at 3.7 m

CS 1018 (Grid Ref. 873 004)

- * 0.0- 0.9 CLAY: brown, plastic, strong; slightly
sandy (fine-grained); occasional
quartz pebbles to 15 mm
- 0.9- 1.8 CLAY: as above; common quartz pebbles
to 15 mm
- 1.8- 2.7 CLAY: brown, plastic, weak; sandy (fine-
grained); silty
- 2.7- 3.7 CLAY: light brown, semi-plastic, weak;
silty
- Water not intersected

CS 1019 (Grid Ref. 888 985)

- 0.0- 0.9 CLAY: light brown, plastic, strong;
common quartz pebbles to 10 mm
- * 0.9- 1.8 CLAY: brown, grey, plastic, moderately
strong, slightly sandy (fine-
grained); common pebbles to 10 mm
- 1.8- 2.7 CLAY: brown, grey, semi-plastic,
moderately strong; sandy (medium-
grained); common pebbles to 10 mm
- 2.7- 3.7 CLAY: brown, slightly plastic, weak;
sandy (coarse-grained); common
quartz pebbles to 30 mm
- 3.7- 4.6 CLAY: light brown, semi-plastic, weak;
sandy (coarse-grained)
- Water not intersected

CS 1020 (Grid Ref. 883 980)

- 0.0- 0.9 TOP SOIL: light brown, grey, sandy (fine-
grained); clayey; occasional
pebbles to 20 mm
- 0.9- 1.8 CLAY: grey, brown, semi-plastic, weak;
sandy (fine-grained); silty;
shale chips and fragments
- Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 1021 (Grid Ref. 895 998)

- * 0.0- 0.9 CLAY: light brown, plastic, strong; slightly sandy (fine to coarse-grained)
- * 0.9- 1.8 CLAY: light brown, dark brown, plastic, moderately strong; slightly sandy (fine to coarse-grained)
- 1.8- 4.6 GRAVEL: pebbles to 20 mm, sandy; slightly clayey to clayey

Water not intersected

CS 1022 (Grid Ref. 898 003)

- 0.0- 0.9 CLAY: red, grey, semi-plastic, moderately strong; sandy (fine-grained); occasional ironstone and quartz pebbles to 5 mm
- 0.9- 1.8 CLAY: orange, grey, slightly plastic, weak; sandy, common quartz pebbles to 10 mm
- 1.8- 2.7 SAND: light brown, fine to coarse-grained; clayey
- 2.7- 4.6 SAND: fine to medium-grained; clayey

Water not intersected

CS 1023 (Grid Ref. 892 006)

- 0.0- 0.9 CLAY: brown, red, grey, sandy (coarse-grained); common quartz pebbles to 15 mm
- * 0.9- 1.8 CLAY: brown, red-grey, plastic, strong; slightly sandy (fine to coarse-grained); common quartz pebbles to 10 mm
- * 1.8- 2.7 CLAY: grey, brown, plastic, strong; slightly sandy (fine to medium-grained); occasional quartz pebbles to 10 mm
- 2.7- 4.6 SAND: light brown, grey, fine-grained; clayey

Water not intersected

CS 1024 (Grid Ref. 893 010)

- 0.0- 0.9 CLAY: grey, slightly plastic, weak; sandy (fine to medium-grained)
- 2.7- 4.6 CLAY: brown, grey, slightly plastic, moderately strong; sandy (medium to coarse-grained)

Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 1025 (Grid Ref. 908 020)

- * 0.0- 0.9 CLAY: brown, grey, plastic, moderately strong; slightly sandy (fine-grained)
- 0.9- 1.8 SAND: light grey, brown, fine to coarse-grained; clayey
- 1.8- 3.7 CAAY: orange, brown, grey, slightly plastic, weak; sandy (medium to coarse-grained)
- 3.7- 4.6 CLAY: khaki, brown, grey, slightly plastic, weak; sandy

Water not intersected

CS 1026 (Grid Ref. 900 051)

- * 0.0- 0.9 CLAY: grey, red-brown, plastic, strong; slightly sandy (fine-grained)
- * 0.9- 1.8 CLAY: grey, brown, semi-plastic, moderately strong; slightly sandy (fine-grained); occasional ironstone pebbles to 5 mm
- * 1.8- 2.7 CLAY: grey light brown, slightly plastic, moderately strong; slightly sandy (fine-grained)
- * 2.7- 3.7 CLAY: grey, slightly plastic, moderately strong; slightly sandy to sandy (medium-grained)
- 3.7- 4.6 CLAY: grey, slightly plastic, moderately strong; sandy

Water not intersected

CS 1027 (Grid Ref. 886 021)

- 0.0- 0.9 CLAY: light brown, dark brown, plastic, moderately strong; sandy (fine-grained)
- 0.9- 2.7 CLAY: dark brown, grey; as above
- 2.7- 4.6 CLAY: khaki, dark brown, grey, plastic, moderately strong; sandy (fine-grained); silty

Water not intersected

CS 1028 (Grid Ref. 140 449)

- 0.0- 0.9 SAND: grey, light grey, fine-grained
- 0.9- 1.8 SAND: dark orange, brown, fine-grained; common clay pods, sandy (medium-grained)
- 1.8- 2.7 SAND: brown, coarse-grained; clayey
- 2.7- 3.7 CLAY: pink, grey, semi-plastic, weak; sandy (coarse-grained) occasional quartz pebbles to 20 mm

* Clay firing tests carried out, see elsewhere for results.

CS 1028 (cont.)

3.7- 4.6 CLAY: as above; sandy (coarse-grained)
Water not intersected

CS 1029 (Grid Ref. 138 045)

0.0- 0.9 SAND: grey, light brown, fine-grained;
slightly clayey
0.9- 2.7 SAND: orange, brown, fine to coarse-
grained; clayey
2.7- 3.7 CLAY: brown, grey, yellow, red, slightly
plastic, weak
3.7- 4.6 CLAY: pink, grey, slightly plastic, weak
sandy (coarse-grained)
Water not intersected

CS 1030 (Grid Ref. 134 043)

0.0- 0.9 SAND: grey, orange, medium to coarse-
grained; slightly clayey;
occasional ironstone pebbles to
15 mm
0.9- 1.8 SAND: orange, grey, medium to coarse-
grained; clayey
1.8- 4.6 CLAY: pink, grey, semi-plastic, weak;
sandy (medium to coarse-grained)
Water not intersected

CS 1031 (Grid Ref. 130 040)

+ 0.0- 0.9 SAND: grey, fine to medium-grained;
moderately clean
0.9- 1.8 SAND: grey, brown, yellow, orange, fine-
grained; clayey
1.8- 2.7 CLAY: mottled white, pink, orange, grey,
red, slightly plastic, weak;
sandy (fine to medium-grained)
2.7- 3.7 CLAY: grey, brown, pink, slightly plastic,
weak; sandy (medium to coarse-
grained)
* 3.7- 4.6 CLAY: white, pink, semi-plastic, weak;
slightly sandy to sandy (medium-
grained)
* 4.6- 6.4 CLAY: white, pink, plastic, moderately
strong; slightly sandy (fine-
grained)
* 6.4- 7.3 CLAY: light grey, white, pink, plastic,
strong; slightly sandy (fine-
grained)
* 7.3- 8.2 CLAY: pink, grey, plastic, moderately
strong; slightly sandy (medium-
grained)

* Clay firing tests carried out, see elsewhere for results.
+ Sand sieve analysis carried out, see elsewhere for results.

CS 1031 (cont.)

- * 8.2- 9.1 CLAY: brown, plastic, weak; slightly sandy (fine-grained)
- * 9.1-11.0 CLAY: dark grey, plastic, strong; slightly sandy to sandy (fine to coarse-grained)

Water not intersected

CS 1032 (Grid Ref. 113 044)

- 0.0- 0.9 SAND: light grey-brown, dark grey, medium-grained; slightly clayey
- 0.9- 1.8 CLAY: mottled grey, brown, orange, semi-plastic, weak; sandy (fine to medium-grained)
- 1.8- 5.5 CLAY: mottled pink, grey, light brown, orange, slightly plastic, weak; sandy (medium to coarse-grained)

Water not intersected

CS 1033 (Grid Ref. 118 047)

- 0.0- 0.5 SAND: light brown, grey, fine-grained moderately clean
- 0.5- 0.9 CLAY: dark orange, grey, brown, khaki, semi-plastic, moderately strong; sandy (medium to coarse-grained)
- 0.9- 1.8 CLAY: pink, grey, plastic, moderately strong; sandy (medium-grained)
- * 1.8- 2.7 CLAY: as above, slightly sandy (medium-grained)
- * 2.7- 3.7 CLAY: light grey, pink, semi-plastic, moderately strong; slightly sandy to sandy (medium-grained)
- 3.7- 5.5 CLAY: pink-red, slightly plastic, weak; sandy (medium-grained)

Water not intersected

CS 1034 (Grid Ref. 121 051)

- 0.0- 0.9 CLAY: mottled, light brown, grey, red, yellow, semi-plastic, weak; sandy (medium to coarse-grained)
- 0.9- 1.8 CLAY: mottled, brown, semi-plastic, moderately strong; sandy (medium to coarse-grained)
- * 1.8- 3.7 CLAY: grey, light brown, plastic, strong; slightly sandy (fine-grained)
- 3.7- 4.6 CLAY: mottled, grey, pink, orange, brown, red, plastic, strong; sandy (medium to coarse-grained); common ironstone chips and fragments

Water not intersected

- * Clay firing tests carried out, see elsewhere for results.

CS 1035 (Grid Ref. 124- 040)

0.0- 0.9	SAND:	dark grey, black, fine-grained; slightly clayey
0.9- 1.8	SAND:	light brown, grey, medium-grained; clayey
1.8- 2.7	SAND:	grey, coarse-grained; clayey
2.7- 4.6	CLAY:	grey, light brown, semi-plastic, weak; sandy (medium to coarse-grained)

Water not intersected

CS 1036 (Grid Ref. 129 046)

0.0- 0.9	SAND:	grey, brown, fine to medium-grained; clayey
0.9- 1.8	CLAY:	red, grey, slightly plastic, weak; sandy (medium-grained)
1.8- 3.7	CLAY:	mottled pink, grey, red, yellow, brown, slightly plastic, moderately strong; sandy (medium to coarse-grained); occasional iron-stone chips, fragments and staining
* 3.7- 4.6	CLAY:	light grey, white, plastic, moderately strong; slightly sandy (fine to medium-grained)
* 4.6- 5.5	CLAY:	pink, light grey, white, plastic, weak to moderately strong; slightly sandy to sandy (medium-grained)
* 5.5- 6.4	CLAY:	light grey, white, plastic, moderately strong; slightly sandy (fine-grained)
6.4- 7.3	CLAY:	light brown, plastic, weak; sandy (fine to medium-grained); orange, fine-grained sand at 7.3 m

Water not intersected

CS 1037 (Grid Ref. 136 046)

0.0- 0.9	SAND:	brown, black, fine-grained; clayey
0.9- 1.8	CLAY:	orange, semi-plastic, weak; sandy (medium-grained)
1.8- 2.7	CLAY:	dark pink, slightly plastic, weak; sandy
2.7- 4.6	CLAY:	light pink, grey, semi-plastic, weak; sandy (coarse-grained)
4.6- 5.5	CLAY:	pink, grey, semi-plastic, weak; sandy (coarse-grained)

Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 1038 (Grid Ref. 109 056)

- 0.0- 0.9 CLAY: light brown, grey, pink, slightly plastic, weak; sandy
- 0.9- 1.8 CLAY: brown, pink, grey, semi-plastic, weak; sandy (coarse-grained); common ironstone chips and fragments
- 1.8- 4.6 CLAY: dark pink, grey, slightly plastic, weak; sandy (coarse-grained); occasional ironstone pebbles

Water not intersected

CS 1039 (Grid Ref. 105 055)

- 0.0- 0.9 SAND: grey, black, fine-grained; silty; decomposed wood present
- 0.9- 1.8 SAND: as above; clayey
- 1.8- 2.7 CLAY: mottled, grey, orange, brown, plastic, strong; sandy (coarse-grained)
- 2.7- 4.6 CLAY: mottled, yellow, grey, red, brown, purple, plastic, moderately strong; sandy (coarse-grained); 20% ironstone chips and fragments

Water not intersected

CS 1040 (Grid Ref. 904 011)

- 0.0- 1.8 CLAY: red, slightly plastic, weak; sandy (medium-grained)
- 1.8- 4.6 CLAY: pink-brown, grey, semi-plastic, weak; sandy (medium-grained)

Water not intersected

CS 1041 (Grid Ref. 101 040)

- + { 0.0- 0.9 SAND: grey, orange, brown, medium to coarse-grained; clayey
- + { 0.9- 1.8 SAND: brown, grey, medium to coarse-grained; slightly clayey
- + 1.8- 3.7 SAND: grey, brown, fine to medium-grained; slightly clayey, common quartz pebbles to 5 mm
- + { 3.7- 4.6 SAND: grey, fine to medium-grained; slightly clayey; occasional shells and fragments
- + { 4.6- 5.5 SAND: orange, grey, fine to medium-grained; clayey

Water not intersected

+ Sand sieve analysis carried out, see elsewhere for results.

CS 1042 (Grid Ref. 998 039)

0.0- 1.8 SAND: light brown, brown, medium-grained; moderately clean

1.8- 2.7 SAND: brown, grey, medium to coarse-grained; slightly clayey

2.7- 3.7 SAND: grey, coarse-grained; moderately clean

3.7- 5.5 SAND: grey, fine to medium-grained; slightly clayey

5.5- 6.4 CLAY: white, green, grey, brown, slightly plastic, weak; sandy

Water not intersected

CS 1043 (Grid Ref. 996 041)

0.0- 0.9 SAND: light brown, orange, medium to coarse-grained; slightly clayey; occasional quartz pebbles to 10 mm

+ 0.9- 2.7 SAND: khaki, brown, medium to coarse-grained; slightly clayey; occasional pebbles to 20 mm

2.7- 4.6 CLAY: mottled, red, pink, brown, yellow, khaki, semi-plastic, moderately strong; sandy; common pebbles to 20 mm

Water intersected at 1.2 m

CS 1044 (Grid Ref. 080 068)

+ 0.0- 0.9 SAND: grey, fine to coarse-grained; clean

+ 0.9- 2.7 SAND: light brown, grey, white, fine-grained; clean; common quartz pebbles to 5 mm

+ 2.7- 3.7 SAND: dark brown, medium to coarse-grained; common quartz pebbles to 10 mm

+ 3.7- 4.6 SAND: brown, grey, medium to coarse-grained; moderately clean

4.6- 5.5 SAND: grey, medium-grained; clayey

5.5- 6.4 CLAY: grey, pink, purple, slightly plastic, weak; sandy

+ Sand sieve analysis carried out, see elsewhere for results.

CS 1050 (Grid Ref. 014 016)

- 0.0- 0.9 TOP SOIL: dark brown, sandy (medium-grained); slightly clayey; carbonaceous; rare quartz pebbles to 3 mm
- 0.9- 1.8 CLAY: grey-brown, plastic, weak; sandy (fine-grained); silty
- 1.8- 4.6 CLAY: grey, plastic, weak; sandy (medium-grained)

Water intersected at 1.5 m

CS 1051 (Grid Ref. 019 014)

- 0.0- 0.9 TOP SOIL: dark brown, sandy (medium-grained); clayey; carbonaceous; rare quartz pebbles to 2 mm
- * 0.9- 5.5 CLAY: grey, brown, plastic, weak; slightly sandy (fine-grained); silty
- 5.5- 7.3 CLAY: grey, plastic, weak; sandy; silty

Water intersected at 1.5 m

CS 1052 (Grid Ref. 024 011)

- 0.0- 0.3 TOP SOIL: dark brown, sandy; clayey
- 0.3- 0.9 CLAY: brown, plastic, weak; silty; occasional ironstone pebbles to 2 mm
- 0.9- 5.5 CLAY: grey-brown, semi-plastic, weak; sandy (fine-grained)

Water intersected at 1.2 m

CS 1053 (Grid Ref. 020 009)

- 0.0- 0.9 TOP SOIL: brown, sandy (fine-grained); clayey; occasional ironstone pebbles to 3 mm
- 0.9- 2.7 CLAY: yellow-brown, semi-plastic, weak; sandy (fine to medium-grained)
- 2.7- 6.4 CLAY: grey, slightly plastic, weak; sandy (fine to medium-grained)

Water not intersected

CS 1054 (Grid Ref. 976 033)

- 0.0- 1.8 LOAM: brown, sandy (fine-grained)
- 1.8- 5.5 CLAY: brown, semi-plastic, weak; sandy (fine-grained); iron-stained

Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 1055 (Grid Ref. 997 042)

- 0.0- 0.3 TOP SOIL: light brown, sandy (fine-grained); clayey
- 0.3- 0.9 CLAY: orange-brown, plastic, weak; silty; occasional ironstone pebbles to 2 mm
- 0.9- 5.5 CLAY: orange, grey, semi-plastic, weak; sandy (fine-grained)
- Water intersected at 4.9 m

CS 1056 (Grid Ref. 990 036)

- 0.0- 0.3 TOP SOIL: brown, sandy (fine-grained); clayey; carbonaceous
- 0.3- 1.2 CLAY: red-brown, plastic, weak; moderately sandy (fine-grained)
- 1.2- 1.8 CLAY: red-brown, plastic, weak; sandy (fine-grained)
- * 1.8- 4.6 CLAY: mottled pink-brown, grey, plastic, weak to moderately strong; occasional ironstone pebbles to 2 mm
- * 4.6- 5.5 CLAY: red, plastic, weak to moderately strong; rare ironstone pebbles to 2 mm
- * 5.5- 7.3 CLAY: as above
- * 7.3- 9.1 CLAY: pink, plastic, moderately strong; rare rock fragments to 6 mm
- * 9.1-11.0 CLAY: orange, pink, and interbedded grey, plastic, moderately strong; rare rock fragments to 20 mm
- Water intersected at 7.3 m

CS 1057 (Grid Ref. 997 034)

- 0.0- 0.6 CLAY: brown, semi-plastic, weak; sandy (fine to medium-grained); silty; occasional ironstone and carbonaceous fragments
- 0.6- 2.4 CLAY: yellow-brown, plastic, weak; sandy (fine-grained); silty
- 2.4- 3.7 CLAY: brown, slightly plastic, weak; sandy; occasional sandstone fragments
- 3.7- 4.6 CLAY: grey-brown, semi-plastic, weak; sandy (fine-grained)
- Water not intersected

CS 1058 (Grid Ref. 007 019)

- 0.0- 0.6 CLAY: brown, semi-plastic, weak; silty

* Clay firing tests carried out, see elsewhere for results.

CS 1058 (cont.)

- 0.6- 0.9 CLAY: orange-brown, plastic, moderately strong
- * 0.9- 1.8 CLAY: grey, tan, plastic, moderately strong; slightly silty
- * 1.8- 6.4 CLAY: blue-grey, plastic, weak; slightly sandy (fine-grained); slightly silty
- * 6.4- 8.2 CLAY: blue-grey, with brown stringer, plastic, moderately strong; slightly sandy (fine-grained); iron-stained
- 8.2-10.1 CLAY: yellow-brown, semi-plastic, weak; sandy (medium-grained)
- Water intersected at 2.4 m

CS 1059 (Grid Ref. 015 020)

- 0.0- 0.3 TOP SOIL: dark brown
- 0.3- 0.9 CLAY: yellow-brown, plastic, weak; sandy (fine-grained); iron-stained; carbonaceous fragments
- 0.9- 1.5 CLAY: grey, plastic, moderately strong; sandy (coarse-grained)
- 1.5- 4.6 CLAY: brown, semi-plastic, weak; sandy (coarse-grained)
- Water intersected at 1.2 m

CS 1060 (Grid Ref. 970 032)

- 0.0- 0.9 TOP SOIL: dark brown, clayey; silty; carbonaceous material
- 0.9- 5.5 CLAY: red-brown, semi-plastic, weak; slightly sandy (fine-grained); silty
- Water not intersected

CS 1061 (Grid Ref. 970 028)

- 0.0- 0.3 LOAM: sandy (fine-grained); silty
- * 0.3- 4.6 CLAY: yellow-brown, plastic, weak; slightly sandy (fine-grained); rare pebbles
- 4.6- 7.3 CLAY: yellow-brown, plastic, weak; slightly sandy (fine-grained); silty; rare gravel fragments to 5 mm
- Water intersected at 6.4 m

CS 1062 (Grid Ref. 982 025)

- 0.0- 0.9 LOAM: sandy, fine-grained
- * Clay firing tests carried out, see elsewhere for results.

CS 1062 (cont.)

- 0.9- 1.8 CLAY: brown, semi-plastic, weak;
sandy (fine-grained)
- * 1.8- 3.7 CLAY: brown, plastic, weak; slightly
sandy (fine-grained); silty
- * 3.7- 5.5 CLAY: grey, plastic, weak; sandy
(fine-grained); silty; rare
gravel fragments to 6 mm;
slightly iron-stained in sections
- * 5.5- 7.3 CLAY: grey, plastic, weak to moderately
strong; slightly silty; iron-
stained in sections
- * 7.3- 9.1 CLAY: green, grey, blue, plastic,
moderately strong; slightly
silty; iron-stained in sections
- 9.1-10.1 CLAY: blue, plastic, weak; sandy
(fine-grained); common gravel
fragments to 3 mm

Water intersected at 3.7 m

CS 1063 (Grid Ref. 979 027)

- 0.0- 0.3 LOAM: brown, sandy (fine-grained)
- * 0.3- 3.7 CLAY: yellow-brown, plastic, weak;
slightly sandy (fine-grained);
slightly silty
- 3.7- 7.3 CLAY: blue-grey, semi-plastic, weak;
sandy (coarse-grained)

Water intersected at 3.7 m

CS 1064 (Grid Ref. 979 042)

- 0.0- 0.9 CLAY: yellow-brown, plastic, weak;
sandy; occasional ironstones
to 3 mm
- * 0.9- 3.7 CLAY: yellow-brown, plastic, weak;
slightly sandy (fine-grained);
slightly silty
- * 3.7- 6.4 CLAY: as above
- * 6.4- 9.1 CLAY: as above
- 9.1-10.1 CLAY: yellow-brown, semi-plastic, weak;
sandy (fine-grained); decomposed
sandstone

Water not intersected

CS 1065 (Grid Ref. 979 029)

- 0.0- 0.9 TOP SOIL: brown, sandy (fine-grained);
clayey
- 0.9- 1.8 CLAY: brown, plastic, weak; slightly
sandy (fine-grained); slightly
silty

- * Clay firing tests carried out, see elsewhere for results.

CS 1065 (cont.)

- 1.8- 2.7 CLAY: yellow-brown, plastic, weak;
sandy (fine to medium-grained)
- 2.7- 3.7 CLAY: green-brown, plastic, weak;
slightly sandy (fine-grained);
slightly silty
- 3.7- 5.5 CLAY: mottled grey, brown, plastic,
weak; sandy (fine-grained);
occasional ironstones to 3 mm
- 5.5- 7.3 CLAY: blue, grey, semi-plastic, weak;
sandy (fine to medium-grained)
- 7.3- 8.2 SAND: yellow-brown, coarse grained;
common gravel fragments
- Water intersected at 3.7 m

CS 1066 (Grid Ref. 022 064)

- 0.0- 0.3 TOP SOIL: sandy (fine to medium-grained)
- 0.3- 1.8 CLAY: light yellow, brown, semi-
plastic, weak; sandy (fine to
medium-grained); occasional
ironstone pebbles to 6 mm
- 1.8- 3.0 CLAY: pink-brown, plastic, weak;
slightly sandy (fine-grained)
- 3.0- 3.7 CLAY: pink-white, semi-plastic, weak;
sandy (fine-grained)
- 3.7- 4.6 CLAY: orange-yellow, plastic, weak;
slightly sandy (fine-grained)
- * 4.6- 6.4 CLAY: grey-white, pink, plastic, weak;
sandy (fine-grained)
- Water not intersected

CS 1067 (Grid Ref. 024 060)

- 0.0- 0.6 TOP SOIL: brown, sandy (fine to medium-
grained)
- 0.6- 2.7 CLAY: mottled red-brown to yellow-
brown, semi-plastic, weak;
sandy (fine-grained)
- 2.7- 4.6 CLAY: yellow-brown, grey, plastic,
weak; slightly sandy (fine-
grained)
- Water not intersected

CS 1068 (Grid Ref. 012 059)

- 0.0- 0.9 TOP SOIL: brown, sandy (fine-grained);
clayey
- 0.9- 1.8 CLAY: orange, brown, semi-plastic,
weak; sandy (fine-grained);
rare ironstone pebbles to 2 mm

* Clay firing tests carried out, see elsewhere for results.

CS 1068 (cont.)

1.8- 4.6 CLAY: mottled pink and grey, semi-plastic, weak; sandy (fine-to medium-grained)

Water not intersected

CS 1069 (Grid Ref. 008 076)

0.0- 1.8 SAND: brown, medium to coarse-grained; clayey; ironstone pebbles to 6 mm

1.8- 4.3 SAND: red-brown; as above

Water not intersected

CS 1070 (Grid Ref. 017 064)

0.0- 1.8 SAND: mottled, grey and pink, brown, medium-grained; occasional sandy pebbles to 2 mm

1.8- 4.6 CLAY: orange, red, brown, semi-plastic, weak; sandy (fine-grained)

Water not intersected

CS 1071 (Grid Ref. 017 069)

0.0- 0.3 TOP SOIL: brown, sandy; carbonaceous

{ 0.3- 1.8 CLAY: grey, brown, plastic, weak; slightly sandy (fine-grained); iron staining; rare carbonaceous fragments

* { 1.8- 3.7 CLAY: yellow, brown, semi-plastic, weak; sandy (fine-grained)

{ 3.7- 4.6 CLAY: red-brown, plastic, weak; slightly sandy (fine-grained)

4.6- 5.5 CLAY: pink, semi-plastic, weak; sandy (medium-grained)

Water not intersected

CS 1072 (Grid Ref. 007 070)

0.0- 0.3 TOP SOIL: sandy (fine-grained); clayey; carbonaceous

0.3- 0.9 CLAY: grey, brown, semi-plastic; sandy (fine-grained)

0.9- 1.8 CLAY: mottled yellow, brown and grey, plastic, weak; sandy (fine-grained)

1.8- 3.0 CLAY: yellow, brown, semi-plastic, weak; sandy (fine-grained)

3.0- 4.6 SANDSTONE: decomposed, grey, red-brown, fine to coarse-grained; clayey

Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 1073 (Grid Ref. 970 084)

0.0- 0.3 SAND: dark brown, fine-grained;
clayey; carbonaceous

0.3- 2.7 CLAY: grey-brown, semi-plastic, weak;
sandy (fine-grained)

2.7- 4.6 CLAY: yellow-brown, plastic, weak;
sandy (fine-grained)

Water intersected at 4.6 m

CS 1074 (Grid Ref. 946 118)

0.0- 2.7 CLAY: mottled grey and brown, plastic,
weak; slightly sandy;
occasional ironstone pebbles
to 3 mm, iron staining

2.7- 3.7 CLAY: yellow-brown, semi-plastic,
weak; slightly sandy (fine-
grained); silty

* 3.7- 5.5 CLAY: grey, plastic, weak; slightly
sandy (fine-grained); silty

5.5- 6.4 CLAY: grey, semi-plastic, weak;
sandy (fine-grained)

+ 6.4- 8.2 SAND: yellow-brown, fine to medium-
grained; clayey

+ 8.2-11.0 SAND: as above; rare gravel fragments
to 3 mm

+ 11.0-12.8 SAND: grey, fine to coarse-grained;
slightly clayey; rare gravel
to 4 mm

Water intersected at 7.3 m

CS 1075 (Grid Ref. 946 113)

0.0- 0.6 TOP SOIL: brown, sandy (fine-grained);
clayey

0.6- 2.7 CLAY: red-brown, grey, semi-plastic,
weak; sandy (fine-grained)

2.7- 3.7 CLAY: yellow, brown, semi-plastic,
weak; sandy (fine-grained);
silty

* 3.7- 6.4 CLAY: yellow, brown, plastic, slightly
sandy (fine-grained); silty

Water intersected at 6.4 m

CS 1076 (Grid Ref. 951 117)

0.0- 0.9 TOP SOIL: brown, sandy (fine to coarse-
grained); clayey

0.9- 2.7 CLAY: mottled grey, pink-brown, semi-
plastic, weak; sandy (fine to
coarse-grained)

- + Sand sieve analysis carried out, see elsewhere for results.
- * Clay firing tests carried out, see elsewhere for results.

CS 1076 (cont.)

- 2.7- 4.0 CLAY: pink, white-pink, plastic, weak;
sandy (fine to medium-grained)
- 4.0- 4.6 CLAY: red-brown, semi-plastic, weak;
sandy (fine to medium-grained)

Water not intersected

CS 1077 (Grid Ref. 956 115)

- + 0.0- 5.5 SAND: brown, fine to coarse-grained,
mainly fine-grained; slightly
clayey; rare quartz pebbles to
8 mm
- 5.5- 7.3 SAND: yellow-brown, fine to coarse-
grained; clayey
- 7.3- 8.2 CLAY: yellow-brown, plastic, weak;
sandy (fine to coarse-grained)

Water not intersected

CS 1078 (Grid Ref. 961 115)

- 0.0- 0.9 TOP SOIL: brown, sandy (fine-grained);
clayey
- 0.9- 1.8 CLAY: grey-brown, semi-plastic, weak;
sandy (fine-grained); silty
- 1.8- 7.3 CLAY: grey, semi-plastic, weak; sandy
(medium to coarse-grained)

Water not intersected

CS 1079 (Grid Ref. 955 110)

- 0.0- 0.9 SAND: brown, fine to coarse-grained;
slightly clayey; silty
- 0.9- 4.6 CLAY: mottled grey, red-brown, plastic,
weak; sandy (fine to medium-
grained)
- * 4.6- 7.3 CLAY: pink-brown, yellow-brown,
plastic, weak; slightly sandy
(fine-grained)

Water intersected at 6.1 m

CS 1080 (Grid Ref. 962 109)

- 0.0- 0.9 CLAY: brown, plastic, weak; slightly
sandy (fine-grained); silty;
rare ironstone pebbles to 4 mm;
iron staining
- * 0.9- 2.7 CLAY: grey, plastic, moderately strong
- * 2.7- 3.7 CLAY: grey, plastic, weak; slightly
sandy (fine-grained)

- * Clay firing tests carried out, see elsewhere for results.
- + Sand sieve analysis carried out, see elsewhere for results.

CS 1080 (cont.)

- + 3.7- 6.4 SAND: grey, fine to medium-grained;
slightly clayey to clayey
- Water not intersected

CS 1081 (Grid Ref. 025 103)

- 0.0- 1.8 CLAY: grey, yellow-brown, semi-plastic,
weak; sandy (fine to medium-
grained)
- 1.8- 2.7 CLAY: yellow-brown, semi-plastic,
weak; sandy (medium to coarse-
grained)
- 2.7- 4.6 CLAY: light yellow, plastic, weak;
slightly sandy (fine-grained)
- Water not intersected

CS 1082 (Grid Ref. 029 107)

- 0.0- 0.6 LOAM: brown, sandy (fine to medium-
grained); silty; slightly
clayey; carbonaceous fragments
- 0.6- 2.7 CLAY: yellow-brown, semi-plastic, weak;
slightly sandy (fine-grained);
silty; rare pebbles to 4 mm
- 2.7- 4.6 CLAY: pink, semi-plastic, weak;
slightly sandy (fine to coarse-
grained); silty
- Water not intersected

CS 1083 (Grid Ref. 033 103)

- 0.0- 0.3 SAND: brown, fine-grained; clayey;
silty; carbonaceous
- 0.3- 1.8 CLAY: mottled grey, yellow-brown,
semi-plastic, weak; sandy (fine
to coarse-grained); rare sandy
pebbles to 5 mm; iron-stained
- 1.8- 5.5 CLAY: white semi-plastic, weak; sandy
(fine-grained)
- Water not intersected

CS 1084 (Grid Ref. 055 107)

- 0.0- 0.3 TOP SOIL: brown, clayey; silty;
carbonaceous
- 0.3- 1.2 CLAY: mottled grey, pink, plastic,
weak; slightly sandy (fine-
grained); slightly silty
- 1.2- 4.6 CLAY: grey, plastic, weak; sandy
(fine to medium-grained)
- Water intersected at 1.8 m

+ Sand sieve analysis carried out, see elsewhere for results.

CS 1085 (Grid Ref. 060 109)

- 0.0- 0.3 TOP SOIL: black, clayey; slightly sandy (fine-grained); silty; carbonaceous
- 0.3- 1.2 CLAY: mottled, yellow-brown, grey, plastic, moderately strong; slightly sandy (fine-grained); slightly silty
- 1.2- 2.7 CLAY: grey, semi-plastic, weak; sandy (fine to medium-grained)
- * 2.7- 4.0 CLAY: light brown, plastic, weak; slightly sandy (fine-grained)
- 4.0- 4.6 CLAY: grey-brown, plastic, weak; sandy (fine to medium-grained)
- * 4.6- 9.1 CLAY: grey, plastic, weak to moderately strong; slightly sandy (fine-grained); iron-stained
- 9.1-10.0 CLAY: grey, semi-plastic, weak; sandy (fine to medium-grained); silty

Water not intersected

CS 1086 (Grid Ref. 049 111)

- 0.0- 1.2 CLAY: grey-brown, plastic, weak to moderately strong; slightly sandy (fine-grained); iron-stained
- 1.2- 3.7 CLAY: yellow-brown, plastic, weak; sandy (fine-grained)
- 3.7- 4.6 SAND: grey, fine to medium-grained; clayey
- 4.6- 5.5 CLAY: grey, semi-plastic, weak; sandy (fine-grained); iron-stained

Water not intersected

CS 1087 (Grid Ref. 038 117)

- 0.0- 0.9 CLAY: yellow-brown, plastic, weak; slightly sandy (fine-grained); silty; rare ironstone pebbles to 5 mm
- 0.9- 1.8 CLAY: pink, brown, plastic, weak; slightly sandy (fine-grained); rare ironstone pebbles to 2 mm
- 1.8- 2.7 CLAY: red-brown, semi-plastic, weak; slightly sandy (fine to medium-grained); silty; rare ironstone pebbles to 4 mm
- 2.7- 4.6 CLAY: mottled red and grey, semi-plastic, weak; slightly sandy (fine to medium-grained)

Water not intersected

* Clay firing tests carried out, see elsewhere for results.

CS 1088 (Grid Ref. 032 114)

0.0- 0.9 SAND: brown, fine-grained; slightly clayey
 0.9- 2.7 SAND: as above; (decomposed sandstone)
 Water not intersected

CS 1092 (Grid Ref. 002 028)

0.0- 0.6 TOP SOIL: black, slightly sandy (fine-grained)
 0.6- 2.7 CLAY: mottled yellow, brown, grey, plastic, weak; sandy (fine-grained); silty
 * 2.7- 8.2 CLAY: yellow, brown, plastic, weak; slightly sandy (fine-grained); slightly silty; rare pebbles to 4 mm
 8.2-10.1 CLAY: as above, sandy (fine to coarse-grained); rare quartz pebbles to 8 mm
 Water intersected at 8.2 m

CS 1093 (Grid Ref. 003 035)

0.0- 0.3 TOP SOIL: black, sandy (fine-grained)
 0.3- 1.8 CLAY: mottled grey, brown, plastic, weak; sandy (fine to medium-grained)
 * 1.8- 7.6 CLAY: yellow, brown, plastic, weak; slightly sandy (fine-grained); slightly silty; rare pebbles to 4 mm
 * 7.6- 9.8 CLAY: yellow-green, plastic, weak; sandy (fine to medium-grained); silty; rare pebbles to 3 mm
 9.8-10.1 CLAY: light green, semi-plastic, weak; sandy (fine to medium-grained)
 Water not intersected

CS 1094 (Grid Ref. 007 026)

0.0- 0.3 TOP SOIL: black
 * 0.3- 3.7 CLAY: mottled grey, yellow, brown, plastic, moderately strong; slightly sandy (fine-grained); slightly silty; rare bands of ironstone pebbles to 4 mm
 * 3.7- 6.4 CLAY: brown, plastic, weak to moderately strong; slightly sandy (fine-grained); rare ironstone pebbles to 3 mm

* Clay firing tests carried out, see elsewhere for results.

CS 1094 (cont.)

- * 6.4- 8.2 CLAY: grey-green, plastic, weak; slightly sandy (fine to coarse-grained); silty; rare ironstone pebbles to 6 mm
- 8.2- 9.1 CLAY: grey-green, semi-plastic, weak; sandy (fine to coarse-grained); silty; rare ironstone pebbles to 8 mm
- 9.1-10.1 CLAY: green-brown, semi-plastic, weak; sandy (fine to coarse-grained); silty

Water not intersected

CS 1095 (Grid Ref. 028 013)

- 0.0- 0.3 TOP SOIL: black, sandy (fine-grained)
- 0.3- 1.2 CLAY: mottled grey, yellow-brown, plastic, weak; sandy (fine-grained)
- 1.2- 4.6 CLAY: blue-grey, semi-plastic, weak; sandy (fine to coarse-grained, mainly fine-grained)

Water intersected at 0.9 m

CS 1096 (Grid Ref. 022 007)

- 0.0- 0.3 LOAM:
- 0.3- 0.9 CLAY: mottled grey, yellow-brown, plastic, weak; slightly sandy (fine-grained); silty
- 0.9- 1.8 CLAY: brown, semi-plastic, weak; sandy (fine to medium-grained)
- 1.8- 3.7 CLAY: blue-grey, semi-plastic, weak, sandy (fine to medium-grained)
- + 3.7- 5.5 SAND: blue-grey, fine to coarse-grained, mainly fine-grained; clayey

Water intersected at 1.8 m

CS 1097 (Grid Ref. 040 027)

- 0.0- 0.3 TOP SOIL: black, sandy (fine-grained)
- 0.3- 1.2 CLAY: mottled grey, yellow, brown, plastic, weak; slightly sandy (fine-grained); silty
- 1.2- 4.6 CLAY: brown, plastic, weak; sandy (fine to medium-grained)

Water intersected at 2.7 m

* Clay firing tests carried out, see elsewhere for results.

+ Sand sieve analysis carried out, see elsewhere for results.

CS 1105 (Grid Ref. 827 135)

0.0- 1.8 CLAY: dark grey, plastic, moderately strong; sandy (coarse-grained)

1.8- 4.6 CLAY: dark brown, black, slightly plastic, weak; sandy (fine-grained)

Water not intersected

CS 1137 (Grid Ref. 784 130)

0.0- 0.9 SOIL: sandy (fine to coarse-grained); clayey

0.9- 1.8 CLAY: grey-brown, plastic, weak; sandy (fine to coarse-grained); silty

1.8- 2.7 SAND: 30-40%, fine to coarse-grained

CLAY: 10-20%, non-plastic

ROCK: 30-40%, rock fragments to 8 mm (decomposed granite)

Water not intersected

CS 1138 (Grid Ref. 769 121)

0.0- 0.6 SOIL: clayey (10-15%); sandy (fine to coarse-grained)

0.6- 1.5 CLAY: mottled blue, grey and yellow-brown, plastic, weak; sandy (fine to coarse-grained)

1.5- 4.6 CLAY: blue-grey, semi-plastic, weak; sandy (fine to coarse-grained); rare quartz fragments to 12 mm

Water not intersected

CS 1139 (Grid Ref. 753 117)

0.0- 1.5 SOIL: orange-brown, sandy (fine to coarse-grained); silty; rock fragments to 15 mm

1.5- 4.6 CLAY: dark brown, semi-plastic, weak; sandy (fine-grained); silty; rock fragments in clay between 3.7 and 4.6 m to 15 mm (quartz and phyllite)

Water not intersected

CS 1140 (Grid Ref. 858 081)

0.0- 2.1 LOAM: sand (fine-grained); silty

2.1- 2.7 CLAY: dark brown, semi-plastic, weak; sandy (fine to coarse-grained); silty; 5-10% gravel to 8 mm

Water not intersected

CS 1141 (Grid Ref. 853 076)

- 0.0- 0.6 SOIL: brown, sandy (fine to coarse-grained); 5-10% quartz fragments to 10 mm
- 0.6- 1.8 CLAY: red-brown, semi-plastic, weak; sandy (fine to coarse-grained); 5-10% ironstone pebbles to 3 mm
- 1.8- 2.7 CLAY: mottled grey and orange, semi-plastic, weak; sandy (fine to coarse-grained); silty; 5-10% ironstone pebbles to 3 mm; 10-15% rock fragments to 8 mm (phyllite)
- 2.7- 3.7 PHYLLITE: decomposed
- Water not intersected

CS 1142 (Grid Ref. 865 076)

- 0.0- 0.3 LOAM:
- 0.3- 3.0 CLAY: orange-brown, semi-plastic, weak; sandy (fine-grained); silty
- 3.0- 4.6 CLAY: yellow-brown, semi-plastic, weak; sandy (fine to medium-grained); silty
- Water not intersected

CS 1143 (Grid Ref. 930 080)

- 0.0- 0.9 SAND: yellow-brown, fine-grained; clayey; rare pebbles to 4 mm
- 0.9- 1.8 SAND: red-brown, fine-grained; clayey; silty; 10% laterite fragments to 10 mm
- 1.8- 2.7 LATERITE: sandy (fine-grained); hard
- Water not intersected

CS 1144 (Grid Ref. 938 077)

- 0.0- 0.9 SAND: grey, fine-grained; clayey
- 0.9- 1.5 SANDSTONE: grey, fine-grained; hard
- Water not intersected

CS 1145 (Grid Ref. 934 088)

- 0.0- 1.2 SAND: grey, fine-grained; clayey
- 1.2- 1.8 CLAY: mottled grey and yellow, brown, plastic, moderately strong; sandy (fine-grained); silty iron-stained
- 1.8- 3.0 CLAY: grey, plastic, weak; sandy (fine-grained); silty

CS 1145 (cont.)

- 3.0- 4.0 CLAY: yellow-brown, semi-plastic, weak; sandy (fine-grained); silty; rare pebbles to 4 mm
- * 4.0- 5.5 CLAY: yellow-orange, plastic, weak; slightly sandy (fine-grained); silty; rare pebbles to 3 mm
- * 5.5- 6.4 CLAY: yellow-brown, plastic, weak; sandy (fine-grained); silty
- * 6.4- 7.3 CLAY: yellow-orange, plastic, weak; slightly sandy (fine-grained); silty; rare pebbles to 3 mm
- 7.3- 9.1 CLAY: yellow-orange, plastic, weak; sandy (dominately fine-grained, 5% coarse-grained)

Water intersected at 8.2 m

CS 1146 (Grid Ref. 940 087)

- 0.0- 0.3 SAND: grey-brown, fine-grained; clayey
- 0.3- 0.9 CLAY: yellow-brown, plastic, weak; sandy (fine-grained); silty
- 0.9- 4.9 CLAY: mottled red, brown and grey, plastic, moderately strong to weak; sandy (fine-grained); iron-stained
- 4.9- 5.5 CLAY: yellow-brown, semi-plastic, weak; sandy (fine-grained)

Water not intersected

CS 1147 (Grid Ref. 941 068)

- 0.0- 0.6 SAND: grey-brown, fine-grained; clayey; rare carbonaceous fragments
- * { 0.6- 1.8 CLAY: grey, red-brown, plastic, moderately strong; slightly sandy (fine-grained); iron-stained
- 1.8- 3.0 CLAY: mottled grey and red-brown, plastic, weak; sandy (fine-grained); iron-stained
- 3.0- 4.6 CLAY: yellow-brown, red-brown, plastic, weak; sandy (fine to coarse-grained)

Water not intersected

CS 1148 (Grid Ref. 951 100)

- 0.0- 0.9 SAND: brown, fine-grained; slightly clayey

* Clay firing tests carried out, see elsewhere for results.

CS 1148 (cont.)

0.9- 1.8 CLAY: mottled orange, red and brown, semi-plastic, weak; sandy (fine-grained); silty; rare ironstone pebbles to 4 mm

1.8- 4.6 CLAY: mottled grey and pink, semi-plastic, weak; sandy (fine-grained); very silty; rare ironstone pebbles to 6 mm

Water not intersected

CS 1149 (Grid Ref. 984 938)

0.0- 1.2 SAND: brown, fine to medium-grained, dominately fine-grained; slightly clayey; rare carbonaceous fragments to 6 mm

1.2- 4.6 CLAY: mottled grey and pink-brown, semi-plastic to plastic, weak; sandy (fine-grained); iron-stained; rare ironstone pebbles

Water not intersected

CS 1150 (Grid Ref. 997 937)

0.0- 0.6 SAND: grey, fine-grained; slightly clayey; rare carbonaceous fragments to 4 mm

0.6- 1.5 CLAY: mottled grey, brown, plastic, weak; sandy (fine-grained); silty; rare iron staining

1.5- 4.6 CLAY: grey, yellow-brown, semi-plastic, weak; sandy (fine-grained); silty

Water not intersected

CS 1151 (Grid Ref. 987 907)

0.0- 0.6 SOIL: brown, sandy (fine-grained); silty

0.6- 1.8 CLAY: mottled grey and red-brown, plastic, weak; slightly sandy (fine-grained); iron-stained; 5-10% ironstone pebbles to 6 mm

1.8- 3.7 CLAY: grey, semi-plastic, weak; sandy (fine-grained); silty; rare sandy pebbles to 8 mm

* 3.7- 5.5 CLAY: yellow-brown, plastic, weak; sandy (fine-grained); silty

* 5.5- 7.3 CLAY: orange-brown, plastic, weak; sandy (fine-grained); silty

Water intersected at 5.5 m

* Clay firing tests carried out, see elsewhere for results.

CS 1152 (Grid Ref. 986 903)

- 0.0- 0.3 SOIL: brown, sandy (fine to coarse-grained); carbonaceous
- 0.3- 1.8 CLAY: mottled grey and orange-brown, plastic, weak; sandy (fine-grained); silty; iron-stained; rare ironstone pebbles to 4 mm
- 1.8- 4.6 CLAY: grey, yellow-brown, semi-plastic, weak; sandy (fine to coarse-grained); silty; rare fine-grained, sandstone fragments to 8 mm

CS 1153 (Grid Ref. 980 966)

- 0.0- 0.6 LOAM:
- * 0.6- 2.7 CLAY: brown, plastic, weak; slightly sandy (fine-grained); silty; rare pebbles to 3 mm
- * 2.7- 4.3 CLAY: yellow-brown, plastic, weak; sandy (fine-grained); silty; rare pebbles to 3 mm
- 4.3- 5.5 CLAY: brown, semi-plastic, weak; sandy (fine to coarse-grained); silty; rare pebbles to 5 mm

Water intersected at 4.3 m

CS 1154 (Grid Ref. 986 966)

- 0.0- 1.2 LOAM:
- * 1.2- 3.7 CLAY: yellow-brown, plastic, weak; slightly sandy (fine-grained); silty
- 3.7- 4.6 CLAY: brown, plastic, weak; sandy (fine-grained); silty
- 4.6- 6.4 CLAY: grey, semi-plastic, weak; sandy (fine to coarse-grained, dominately fine-grained); silty

Water intersected at 4.6 m

CS 1155 (Grid Ref. 904 969)

- * 0.0- 2.1 CLAY: grey-brown, plastic, weak; slightly sandy (fine-grained); silty; rare pebbles to 7 mm
- 2.1- 2.7 CLAY: yellow-brown, plastic, weak; sandy (fine-grained); silty; 5-10% quartz pebbles to 10 mm; rare shale fragments to 5 mm
- 2.7- 3.7 SHALE: 50-60% decomposed, shale fragments; remainder clay and silt

Water not intersected

- * Clay firing tests carried out, see elsewhere for results.

CS 1156 (Grid Ref. 904 975)

- 0.0- 0.9 CLAY: mottled grey and brown, semi-plastic, weak; sandy (fine-grained); iron-stained
- 0.9- 2.7 CLAY: grey-white, semi-plastic, weak; sandy (fine-grained); silty; rock fragments to 5 mm (phyllite, chloritic?)
- 2.7- 4.6 PHYLLITE?: rock fragments 50-60% , decomposed phyllite, (chloritic?)
- Water not intersected

CS 1157 (Grid Ref. 902 982)

- 0.0- 0.9 CLAY: red-brown, semi-plastic, weak; sandy (fine to coarse-grained); rare ironstone pebbles to 4 mm; 5-10% rock fragments (shale and quartz)
- 0.9- 2.7 ROCK? 50-60% rock fragments to 10 mm (shale and quartz)
- Water not intersected

CS 1158 (Grid Ref. 896 986)

- 0.0- 0.9 CLAY: red, orange, semi-plastic, weak; sandy (fine-grained); iron-stained; 5-10% quartz fragments to 6 mm
- 0.9- 2.7 CLAY: laterite with quartz to 2 mm; slightly sandy (fine-grained)
- Water not intersected

CS 1159 (Grid Ref. 034 008)

- 0.0- 0.3 SOIL: black, sandy (fine-grained)
- 0.3- 0.9 CLAY: yellow-brown, plastic, weak; sandy (fine to medium-grained); silty
- + 0.9- 7.3 SAND: grey, fine to coarse-grained (dominately medium-grained); mainly quartz sand; slightly clayey; flows when augered
- 7.3- 9.1 CLAY: mottled grey, brown, plastic, weak; sandy (fine to coarse-grained); iron-stained
- Water intersected at 0.9 m

+ Sand sieve analysis carried out, see elsewhere for results.

CS 1160 (Grid Ref. 033 013)

0.0- 0.3	LOAM:	
0.3- 0.9	CLAY:	grey, plastic, weak; slightly sandy (fine-grained); silty
+ 0.9- 6.1	SAND:	grey, fine to coarse-grained, slightly clayey; flows when augered
6.1- 6.4	CLAY:	blue-grey, plastic, weak; sandy (fine to coarse-grained); silty

+ Sand sieve analysis carried out, see elsewhere for results.

CABOOLTURE SHIRE

DRILLING REPORT

CSD Series

PROJECT CABOOLTURE SHIRE EXTRACTIVE RESOURCES SURVEY JOB NO.
LOCALITY D'Aguilar HOLE NO. CSD 1
CO-ORDINATES 813113 CABOOLTURE 1:50 000 DATUM
BEARING 225° INCLINATION 50° R.L. COLLAR
CORE SIZE NX 0.80-3.10 m BX 3.10-3.44 m R.L. GROUND SURFACE
NX 3.44-6.15 m BX 6.15-33.0 m R.L. ROCK SURFACE
CASING R.L. BOTTOM OF HOLE

% CORE RECOVERY AND RUNS	DEPTH (METRES) HOLE	R.L.	WEATHERING	GEOLOGICAL DESCRIPTION	SYMBOLIC LOG	STRUCTURES <small>foliation, veins, seams, sheared zones, crushed zones etc.</small>	FRACTURE LOG	R.Q.D.	TESTS	% DRILL LOSS WATER LOSS	WATER PRESSURE TESTS
	0.80			OPEN HOLE							
	2.40			HORNFEELS: dark grey, fine-grained; alternating light and dark bands (chlorite-muscovite and quartz-feldspar)	HO	Foliation at 90° to core, bands 1-3 mm in thickness 2.40 m major joint-clay filled Minor joints iron-stained and occasionally zeolite coated					
	4.90					4.9-11.9 m foliation weakly developed					
	11.90										
	12.77					11.9-33.0 m pronounced foliation, 90° to core					
	13.20			Dark, blue-grey		12.77-13.04 m fracture zone Minor joints iron-stained and zeolite coated					

Remarks

NOTES 1. All depths quoted with respect to ground surface measured along hole axis
2. Angles of planar features quoted with respect to hole axis.

WEATHERING D Decomposed CW Completely weathered HW Highly weathered MW Moderately weathered SW Slightly weathered F Fresh	WATER PRESSURE TESTS Double packer	TESTS Single packer	WATER LEVEL Date Depth
FRACTURE LOG Natural fractures per metre of core			

Driller: G. Harris Logged: M.L. O'Flynn
Date:
Plan: Mindrill F20 Drawn:
Started: Approved:
Finished: March 1975 Sheet 1 of 2

PROJECT CABOOLTURE SHIRE EXTRACTIVE RESOURCES SURVEY JOB NO.
 LOCALITY D'Aguilar HOLE NO. CSD 1

Y. CORE RECOVERY AND RINS	DEPTH (METRES) 1:100	R.L.	WEATHERING	GEOLOGICAL DESCRIPTION	SYMBOLIC LOG	STRUCTURES <small>joints, veins, seams, sheared zones, crushed zones etc.</small>	FRACTURE LOG	R.O.D.	TESTS	% DRILL WATER LOSS	WATER PRESSURE TESTS
	22.00			HORNFELS: dark blue grey, alternating bands of dark and light minerals (chlorite-muscovite and quartz-feldspar?) give pseudo-gneissic appearance	H0	Foliation well developed at 90° to core, joints iron- stained					
	25.00					25.00 m joints zeolite coated and rarely ironstained					
	33.00			END OF HOLE							

Remarks

NOTES 1. All depths quoted with respect to ground surface
 measured along hole axis
 2. Angles of planar features quoted with respect to hole
 axis.

WEATHERING	WATER PRESSURE TESTS	TESTS	WATER LEVEL
D Decomposed CW Completely weathered HW Highly weathered MW Moderately weathered SW Slightly weathered F Fresh	Double packer Single packer		Date / Depth
FRACTURE LOG Natural fractures per metre of core			

Driller G. Harris Logged M.L. O'Flynn
 Date
 Plan Mindrill F20 Drawn
 Started Approved
 Finished March 1975 Sheet 2 of 2

DRILLING REPORT

PROJECT CABOOLTURE SHIRE EXTRACTIVE RESOURCES SURVEY JOB NO.
 LOCALITY D'Aguilar HOLE NO. CSD 2
 CO-ORDINATES 812112 CABOOLTURE 1:50 000 DATUM
 BEARING 225° INCLINATION 50° R.L. COLLAR
 CORE SIZE NX 0.50-6.10 m R.L. GROUND SURFACE
BX 6.10-28.1 m R.L. ROCK SURFACE
 CASING R.L. BOTTOM OF HOLE

% CORE RECOVERY AND RUNS	DEPTH m	R.L.	WEATHERING	GEOLOGICAL DESCRIPTION	SYMBOLIC LOG	STRUCTURES <small>Joints, veins, seams, sheared zones, crushed zones etc.</small>	FRACTURE LOG	R.Q.D.	TESTS	% DRILL WATER LOSS	WATER PRESSURE TESTS
	0-50			OPEN HOLE							
	2-00			HORNFELS: med. grey, finely banded, altern. quartz-feldspar and chlorite muscovite	HO	Joints iron stained, clay coated Foliation at 75° to 90° to core					
	2-60			NO RECOVERY							
	3-66					3.66-3.72 m clayey zone					
	4-50			NO RECOVERY							
	5-00					4.5-5.0 m fracture zone					
	5-30			NO RECOVERY							
	6-10			HORNFELS: greenish-grey, foliated		Joints iron stained & occ. zeolite & chlorite coated					
	6-28			NO RECOVERY							
	9-00										
	10-96			Dark blue-grey finely banded		Joints rarely iron stained Foliation at 75° to 85° to core 10.96-11.0 m quartz-jasper vein					
	12-73					12.73-17.00 m foliation crenulated					
	18-80					18.80-18.96 m fracture zone					
	19-81					19.81-20.00 m quartz-jasper vein					

Remarks

NOTES 1. All depths quoted with respect to ground surface measured along hole axis.
 2. Angles of planar features quoted with respect to hole axis.

WEATHERING
 D Decomposed
 CW Completely weathered
 HW Highly weathered
 MW Moderately weathered
 SW Slightly weathered
 F Fresh

WATER PRESSURE TESTS
 Double packer
 Single packer

FRACTURE LOG
 Natural fractures per metre of core
 100
 or Diameter of Fractures (mm)

WATER LEVEL
 Date / Depth

ENGINEERING GEOLOGY SECTION
 Driller G. Harris Logged M.L. O'Flynn
 Date
 Plant Mindrill F20 Drawn
 Started Approved
 Finished April 1975 Sheet 1 of 2

PROJECT CABOOLTURE SHIRE EXTRACTIVE RESOURCES SURVEY JOB NO. _____
 LOCALITY D'Aguilar HOLE NO. CSD 2

% CORE RECOVERY AND RUNS	DEPTH m	R.L.	WEATHERING LOW MOD HIGH	GEOLOGICAL DESCRIPTION	SYMBOLIC LOG	STRUCTURES Joints, veins, seams, shattered zones, crushed zones etc.	FRACTURE LOG	R.O.D.	TESTS	% DRILL LOSS	WATER PRESSURE TESTS
	2300			HORNFELS: blue-grey, foliated	HO	Minor quartz chlorite veins, rare zeolite coatings on joints					
	2400			Sample tested							
	2818			END OF HOLE							

Remarks

NOTES 1. All depths quoted with respect to ground surface measured along hole axis
 2. Angles of planar features quoted with respect to hole axis.

WEATHERING	WATER PRESSURE TESTS	TESTS	WATER LEVEL
D Decomposed CW Completely weathered HW Highly weathered MW Moderately weathered SW Slightly weathered F Fresh	Double packer Single packer		Date / Depth
FRACTURE LOG Natural fractures per metre of core			

ENGINEERING GEOLOGY SECTION

Driller G. Harris Logged M.L. O'Flynn
 Date _____
 Plant Mindrill F20 Drawn _____
 Started _____ Approved _____
 Finished April 1975 Sheet 2 of 2

DRILLING REPORT

PROJECT CABOOLTURE SHIRE EXTRACTIVE RESOURCES SURVEY JOB NO.
 LOCALITY D'Aguilar HOLE NO. CSD.3
 CO-ORDINATES 812113 CABOOLTURE 1:50 000 DATUM
 BEARING 225° INCLINATION 50° R.L. COLLAR
 CORE SIZE NX 2.0-6.10 m R.L. GROUND SURFACE
BX 6.10-19.63 m R.L. ROCK SURFACE
 CASING R.L. BOTTOM OF HOLE

DEPTH (Metres) 1:100	R.L.	WEATHERING	GEOLOGICAL DESCRIPTION	SYMBOLIC LOG	STRUCTURES <small>Joints, veins, seams, sheared zones, crushed zones etc.</small>	FRACTURE LOG	R.Q.D.	TESTS	% DRILL LOSS	WATER PRESSURE TESTS
			OPEN HOLE							
2.00										
			HORNFELS: greenish-brown, foliated pseudo-gneissic (alternating quartz-feldspar and chlorite-muscovite)	HO	Joints iron stained, occasionally epidote and calcite coated, minor quartz veins. Foliation at 60° to 80° to core					
6.10			NO RECOVERY							
6.17										
9.60					9.60-9.80 m foliation contorted					
10.85			NO RECOVERY							
11.20										
12.70										
12.95			HORNFELS: blue-grey pseudo gneissic appearance from alternating dark and light bands to 2 mm		12.95-13.10 m quartz vein, minor zeolite coatings on joints, rare iron staining					
14.59					14.59-15.69 m quartz veins with chlorite and epidote					
17.00										
18.00			Sample tested							
19.63			END OF HOLE							

Remarks

NOTES 1. All depths quoted with respect to ground surface measured along hole axis.
 2. Angles of planar features quoted with respect to hole axis.

WEATHERING
 D Decomposed
 CW Completely weathered
 HW Highly weathered
 MW Moderately weathered
 SW Slightly weathered
 F Fresh

WATER PRESSURE TESTS
 Double packer
 Single packer

FRACTURE LOG
 Natural fractures per metre of core

100
Diagram of Fracture Log

WATER LEVEL
 Date / Depth

Driller G. Harris Logged M.L. O'Flynn
 Date
 Plant Mindrill F20 Drawn
 Started Approved
 Finished April 1975 Sheet 1 of 1

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DEPARTMENT OF MINES
GEOLOGICAL SURVEY OF QUEENSLAND

DRILLING REPORT

PROJECT CABOOLTURE SHIRE EXTRACTIVE RESOURCES SURVEY JOB NO.
 LOCALITY Wamuran Basin HOLE NO. CSD 4
 CO-ORDINATES 822083 CABOOLTURE 1:50 000 DATUM
 BEARING 237° INCLINATION 45° R.L. COLLAR
 CORE SIZE NX 0.60-3.20 m R.L. GROUND SURFACE
BX 3.20-30.30 m R.L. ROCK SURFACE
 CASING R.L. BOTTOM OF HOLE

% CORE RECOVERY AND RUNS	DEPTH (metres)	R.L.	WEATHERING	GEOLOGICAL DESCRIPTION	SYMBOLIC LOG	STRUCTURES	FRACTURE LOG	R.Q.D.	TESTS	% DRILL CUTtings	WATER LOSS	WATER PRESSURE TESTS
	0.60			OPEN HOLE								
	3.20			GREENSTONE: grey green, fine grained, foliated consisting of aligned, dark minerals and fine banding	GS	Iron staining on joints Foliation at 80° to core						
	5.90					Joints essentially fresh, minor calcite and pyrite coatings, occasionally slickensided 5.90-6.00 m quartz vein slickensiding on joint						
	14.80			GREENSTONE: dark grey-grey, fine grained, foliated		14.80-15.30 m foliation crenulated						

Remarks		NOTES 1. All depths quoted with respect to ground surface measured along hole axis 2. Angles of planar features quoted with respect to hole axis.	
WEATHERING D Decomposed CW Completely weathered HW Highly weathered MW Moderately weathered SW Slightly weathered F Fresh	WATER PRESSURE TESTS Double packer Single packer	TESTS WATER LEVEL Date Depth	Driller <u>G. Harris</u> Logged <u>M.L. O'Flynn</u> Date <u> </u> Plan <u>Mindrill F20</u> Drawn <u> </u> Started <u> </u> Approved <u> </u> Date <u>April 1975</u> Sheet <u>1</u> of <u>2</u>

PROJECT CABOOLTURE SHIRE EXTRACTIVE RESOURCES SURVEY JOB NO.
 LOCALITY Mamuran Basin HOLE NO. CSD 4

% CORE RECOVERY AND RUNS	DEPTH (Metres) 1:100	R.L.	WEATHERING	GEOLOGICAL DESCRIPTION	SYMBOLIC LOG	STRUCTURES <small>Joint, vein, scum, sheared zones, crushed zones etc.</small>	FRACTURE LOG	R.Q.D.	TESTS	% DRILL LOSS	WATER PRESSURE TESTS
	2017			GREENSTONE: dark green-grey, fine grained, foliated, alternating light and dark bands ("mica schist")	GS	20.17 m quartz-epidote vein 4.5 cm wide, rare calcite joint coatings and veins Foliation at 70° to 90° to core					
	3030			END OF HOLE							

Remarks

NOTES 1. All depths quoted with respect to ground surface
 measured along hole axis
 2. Angles of planar features quoted with respect to hole axis

WEATHERING

D. Decomposed
 CW Completely weathered
 HW Highly weathered
 MW Moderately weathered
 SW Slightly weathered
 F Fresh

WATER PRESSURE TESTS

Double packer
 Single packer

TESTS

WATER LEVEL

Date Depth

FRACTURE LOG

Natural fractures per metre of core

or 100

Driller G. Harris

Logged M.L. O'Flynn

Date

Drawn

Plant Mindrill F20

Approved

Started

Sheet 2 of 2

Finished April 1975

% CORE RECOVERY AND RUNS	DEPTH (Metres)	R.L.	WEATHERING	GEOLOGICAL DESCRIPTION	SYMBOLIC LOG	STRUCTURES	FRACTURE LOG	R.Q.D.	TESTS	% DRILL CUTtings	WATER LOSS	WATER PRESSURE	TESTS
0.07	0.34		NO RECOVERY	OPEN HOLE									
	3.10			GREENSTONE: yellow-brown, yellow-green, fine grained	GS	Joints iron stained and clay coated Foliation at 90° to core (approx.)							
	3.73			NO RECOVERY									
	4.90			NO RECOVERY									
	6.07			NO RECOVERY									
	7.14			NO RECOVERY									
	7.35			NO RECOVERY									
	7.84			NO RECOVERY									
	8.11			GREENSTONE: grey-green, yellow-green, fine grained		Foliation weakly developed, alignment of mafics at 90° to core							
	9.06			NO RECOVERY		Joints iron stained, chlorite-epidote coatings							
	9.40			NO RECOVERY									
	9.94												
	11.00												
	12.13												
	14.50			GREENSTONE: grey-green, fine grained with dark mineral grains to 2.5 mm diameter		14.59-1487 m quartz vein with chlorite coating							
	17.10												
	18.57					Joints lightly iron-stained							

Remarks

NOTES 1. All depths quoted with respect to ground surface measured along hole axis
2. Angles of planar features quoted with respect to hole axis

WEATHERING	
D	Decomposed
CW	Completely weathered
HW	Highly weathered
MW	Modestly weathered
SW	Slightly weathered
F	Fresh

Double packer

FRACTURE LOG
Natural fractures per metre
of core
or $\frac{100}{\text{Diameter of fragments (mm)}}$

WATER LEVEL	
Depth	Depth

Driver G. Harris

Logged M.L. O'Flynn

Date _____

Plane Mindrill F20

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Started

Approved.....

Sheet 1 of 2

PROJECT CABOOLTURE SHIRE EXTRACTIVE RESOURCES SURVEY JOB NO. 300
 LOCALITY Rocksberg HOLE NO. CSD 5

% CORE RECOVERY AND RUNS	DEPTH (Metres) 1:100	R.L.	WEATHERING LOSS	GEOLOGICAL DESCRIPTION	SYMBOLIC LOG	STRUCTURES <small>Joints, veins, seams, sheared zones, crushed zones etc.</small>	FRACTURE LOG	R.O.D.	TESTS	% DRILL LOSS	WATER PRESSURE TESTS
				GREENSTONE: grey-green, fine grained matrix with dark mineral grains up to 2 mm in diameter	GS	Foliation weakly developed by elongation of mafics at 90° to core direction					
	31.00										
	32.00			Sample tested							
	32.95			END OF HOLE							

Remarks.....

NOTES 1. All depths quoted with respect to ground surface measured along hole axis
 2. Angle of planar features quoted with respect to hole axis

WEATHERING
 D Decomposed
 CW Completely weathered
 MW Moderately weathered
 SW Slightly weathered
 F Fresh

WATER PRESSURE
 TESTS
 Double packer
 Single packer

TESTS

WATER LEVEL
 Date / Depth

FRACTURE LOG
 Natural fractures per metre of core
 100
 or Diameter of fragments etc.

Driller G. Harris Logged M.L. O'Flynn
 Date.....
 Plan Mindrill F20 Drawn.....
 Started..... Approved.....
 Finished May 1975 Sheet 2 of 2

% CORE RECOVERY AND RUNS	DEPTH (Metres) 1:100	R.L.	WEATHERING S.W. S.W. S.W.	GEOLOGICAL DESCRIPTION	SYMBOLIC LOG	STRUCTURES Joints, veins, seams, sheared zones, crushed zones etc.	FRACTURE LOG	R.O.D.	TESTS	% DRILL LOSS	WATER PRESSURE TESTS
	0.40			OPEN HOLE							
	3.10			GREENSTONE: yellow-brown, grey-green, weakly foliated, fairly massive	GS	Joints clay coated, fine quartz veins Foliation weakly developed at 45° to core					
	4.74			Grey-green, grey-brown, fine grained, weakly foliated		Joints iron stained Foliation at 45° to core					
	9.70			Grey-green, grey-brown, strongly foliated, = phyllite		Strongly foliated, alternating green and grey-brown bands (1 mm) at 60° to core Joints iron stained, some exhibit schistose sheen					
	12.06			GREENSTONE: grey-green, dark green-grey, fine grained, foliated		Joints rarely iron stained Foliation well developed at 60° to 80° to core					
	16.20					16.20-16.40 m quartz vein at 10-20° to core, minor epidote					
	17.70					17.30-17.90 m quartz veins with minor calcite at 10° to core					
	19.90					19.90-19.95 m quartz-chlorite-calcite vn					

Remarks

NOTES 1. All depths quoted with respect to ground surface measured along hole axis
2. Angles of planar features quoted with respect to hole axis

WEATHERING	
D	Decomposed
CW	Completely weathered
HW	Highly weathered
MW	Moderately weathered
SW	Slightly weathered
F	Fresh

Double packer

FRACTURE LOG
Natural fractures per meter
of core
of _____ 100
Dip _____ and _____

WATER LEVEL
Date / Depth

Driller G. Harris.....	Logged M. L. O'Flynn.....
------------------------	---------------------------

..... Date

Plant Mindrill F20 Drawn.....

Started Approved.....
Finished, May 1975 .. Sheet 1 of 2

PROJECT CABOOLTURE SHIRE EXTRACTIVE RESOURCES SURVEY JOB NO.
 LOCALITY Wamuran Basin HOLE NO. CSD 6

% CORE RECOVERY AND RUNS	DEPTH (Metres) 1:100	R.L.	WEATHERING LOW MODERATE HIGH VERY HIGH EXTREME	GEOLOGICAL DESCRIPTION	SYMBOLIC LOG	STRUCTURES JOINTS, veins, seams, sheared zones, crushed zones etc.	FRACTURE LOG	R.Q.D.	TESTS	% DRILL LOSS WATER PRESSURE TESTS
	20.03			GREENSTONE: (as above)		19.97-20.03 m quartz- chlorite vein				
				END OF HOLE						

Remarks.....

NOTES 1. All depths quoted with respect to ground surface
 measured along hole axis
 2. Angles of planar features quoted with respect to hole
 axis

WEATHERING

WATER PRESSURE
TESTS

TESTS

WATER LEVEL

D. Decomposed
 CW Completely weathered
 MW Highly weathered
 HW Moderately weathered
 SW Slightly weathered
 F Fresh

Double packer

Single packer

FRACTURE LOG

Natural fractures per metre
of core

0 100

Date Depth

Driller G. Harris

Logged M. L. O'Flynn

Date

Plat Mindrill F20

Drawn

Started

Approved

Finished May 1975

Sheet 2 of 2

% CORE RECOVERY AND RUNS	DEPTH (Metre) 1' 100'	R.L.	WEATHERING	GEOLOGICAL DESCRIPTION	SYMBOLIC LOG	STRUCTURES <i>joints, veins, seams, threaded zones, crushed zones etc.</i>	FRACTURE LOG	R.Q.D.	TESTS	% DRILL LOSS	WATER PRESSURE TESTS
	1-66			OPEN HOLE							
	4-35			CLAY AND ROCK FRAGMENTS							
	5-00			NO RECOVERY							
	6-15			HORNFELS: fine gr., dark grey-green to brown, wkly foliated Grey-green, dark grey, fine grained	HO	Joints iron stained					
	9-65					Foliation weakly developed at 45° to core					
	15-37			Grey-green, fine grained, weakly foliated ≡ hornfelsed greenstone		Foliation weakly developed at 45° to core Joints commonly iron stained and occas- ionally calcite coated					

Remarks

NOTES 1. All depths quoted with respect to ground surface measured along hole axis
2. Angles of planar features quoted with respect to hole axis

WEATHERING	
D	Decomposed
CW	Completely weathered
HW	Highly weathered
MSW	Moderately weathered
SW	Slightly weathered
F	Fresh

Double packer

FRACTURE LOG
Natural fractures per metre
of core

WATER LEVEL
DEEP (DEPTH)

Driller...G. Harris

Logged M.L. O'Flynn

.....
 81304 Mindrill F20

Date . . .

Started

Approved.....

Finished June 1975

Sheet 1 of 2

% CORE RECOVERY AND RUNS	DEPTH 1:	R.L.	WEATHERING	GEOLOGICAL DESCRIPTION	SYMBOLIC LOG	STRUCTURES joints, veins, saprolite, sheared zones, crushed zones etc.	FRACTURE LOG	R.Q.D.	TESTS	% DRILL LOSS	WATER PRESSURE TESTS
	22.50 22.76			HORNFELS: grey-green, HO Fine grained, with remnant coarser dark green to black minerals ≡ hornfelsed greenstone		Joints iron stained and occasionally calcite coated 22.50-22.76 m quartz vein, with minor pyrite					
	31.07					Joints occasionally iron stained or calcite coated Foliation weakly developed at 45° to core					
	40.00				END OF HOLE	31.07-31.36 m minor fracture zone					

Remarks		NOTES 1. All depths quoted with respect to ground surface measured along hole axis 2. Angles of planar features quoted with respect to hole axis.	
WEATHERING D Decomposed CW Completely weathered MW Moderately weathered SW Slightly weathered F Fresh	WATER PRESSURE TESTS Double packer Single packer	TESTS	WATER LEVEL Date Depth
FRACTURE LOG Natural fractures per metre of core		Driller G. Harris Logged M.L. O'Flynn Date _____ Plant Mindrill F20 Drawn _____ Started _____ Approved _____ Finished June 1975 Sheet 2 of 2	

DRILLING REPORT

PROJECT CARBOOLTURE SHIRE EXTRACTIVE RESOURCES SURVEY JOB NO.
 LOCALITY West of Narangba HOLE NO. CSD 8
 CO-ORDINATES 892952 CARBOOLTURE 1:50 000 DATUM
 BEARING INCLINATION Vertical R.L. COLLAR
 CORE SIZE NX 0.75-4.74 m R.L. GROUND SURFACE
 BX 4.74-14.37 m R.L. ROCK SURFACE
 CASING R.L. BOTTOM OF HOLE

% CORE RECOVERY AND RUNS	DEPTH(M) 1-100	R.L.	WEATHERING FRESH HIGHLY WEATHERED	GEOLOGICAL DESCRIPTION	SYMBOLIC LOG	STRUCTURES <small>Joints, veins, seams, sheared zones, crushed zones etc.</small>	FRACTURE LOG	R.Q.D.	TESTS % DRILL LOSS WATER LOSS	WATER PRESSURE TESTS
	0-75			OPEN HOLE						
	2-25			CLAY AND ROCK FRAGMENTS: Heavily iron stained						
	2-80			HORNFELS: grey- brown, brown, iron stained	HO	2.80-3.84 zone of decomposed clayey material Occasional fine pink aplite veins				
	3-84									
	4-44			Dark blue-grey, fine grained						
	4-74									
	6-60			Yellow-brown, fine grained						
	7-74									
	9-80									
	10-98			HORNFELS-GRANITE, dark grey, fine grained, hornfels admixed with pink, fine grained granite		Foliation evident in hornfels at 10° to core				
	12-25									
	12-25									
	14-37			GRANITE: yellow- brown and black, mottled, coarse grained	GR					
				END OF HOLE						

Remarks

NOTES 1. All depths quoted with respect to ground surface
 measured along hole axis
 2. Angles of planar features quoted with respect to hole
 axis.

WEATHERING
 D Decomposed
 CW Completely weathered
 HW Highly weathered
 MW Moderately weathered
 SW Slightly weathered
 F Fresh
 FRACTURE LOG
 Natural fractures per metre
 of core
 100
 or Diameter of fragments (mm)

WATER PRESSURE
 TESTS
 Double packer
 Single packer

TESTS

WATER LEVEL
 Date Depth

ENGINEERING GEOLOGY SECTION

Driller G. Harris Logged M.L. O'Flynn
 Date
 Plant Mindrill F20 Drawn
 Started Approved
 Finished June 1975 Sheet 1 of 1

DRILLING REPORT

PROJECT CABOOLTURE SHIRE EXTRACTIVE RESOURCES SURVEY JOB NO.
 LOCALITY West of Narangba HOLE NO. CSD 9
 CO-ORDINATES 868953 CABOOLTURE 1:50 000 DATUM
 BEARING INCLINATION Vertical R.L. COLLAR
 CORE SIZE NX 0.50-3.10 m R.L. GROUND SURFACE
BX 3.10-12.55 m R.L. ROCK SURFACE
 CASING R.L. BOTTOM OF HOLE

% CORE RECOVERY AND RUNS	DEPTH(M) 1:100	R.L.	WEATHERING	GEOLOGICAL DESCRIPTION	SYMBOLIC LOG	STRUCTURES <small>Joints, veins, seams, shaled zones, crushed zones etc.</small>	FRACTURE LOG	R.Q.D.	TESTS	% DRILL LOSS WATER LOSS	WATER PRESSURE TESTS
	0.50			OPEN HOLE							
	0.90			HORNFELS: brown,	HO	Joints clay filled					
	1.20			NO RECOVERY							
				grey-brown							
	3.10										
	3.97			NO RECOVERY							
	4.42			HORNFELS: red-brown to dark grey-green, weakly foliated		Joints iron stained					
	5.60										
	7.48					7.48 m foliation weakly developed					
	12.55			END OF HOLE							

Remarks Hole abandoned because of high water loss
in highly fractured rock

NOTES 1. All depths quoted with respect to ground surface
measured along hole axis.
2. Angles of planar features quoted with respect to hole
axis.

WEATHERING D Decomposed CW Completely weathered HW Highly weathered MW Moderately weathered SW Slightly weathered F Fresh FRACTURE LOG Natural frequency per metre of core 100 or Diameter of fragments (mm)		WATER PRESSURE TESTS Double packer Single packer		TESTS		WATER LEVEL Date Depth		ENGINEERING GEOLOGY SECTION	
Driller <u>G. Harris</u>				Logged <u>M.L. O'Flynn</u>				Date <u> </u>	
Plant <u>Mindrill F20</u>				Drawn <u> </u>				Approved <u> </u>	
Started <u> </u>				Sheet <u>1</u> of <u>1</u>				Finished <u>July 1975</u>	

DRILLING REPORT

PROJECT CABOOLTURE SHIRE EXTRACTIVE RESOURCES SURVEY JOB NO.
 LOCALITY West of Narangba HOLE NO. CSD 10
 CO-ORDINATES 868953 CABOOLTURE 1:50 000 DATUM
 BEARING INCLINATION Vertical R.L. COLLAR
 CORE SIZE NX 0.60-3.20 m R.L. GROUND SURFACE
 R.L. ROCK SURFACE
 CASING R.L. BOTTOM OF HOLE

V. CORE RECOVERY AND R.L.	DEPTH (M) 1/100	R.L.	WEATHERING	GEOLOGICAL DESCRIPTION	SYMBOLIC LOG	STRUCTURES <small>Joints, veins, seams, cleaved zones, crushed zones etc.</small>	FRACTURE LOG	R.Q.D.	TESTS	% DRILL LOSS	WATER PRESSURE TESTS
	0-60			OPEN HOLE							
	1-20			NO RECOVERY							
	3-20			HORNFELS: yellow- brown, dark grey- green, iron stained	HO						
				END OF HOLE							

Remarks Redrill of CSD 9. Also abandoned due to
high water loss in fractured rock.

NOTES 1. All depths quoted with respect to ground surface
 measured along hole axis
 2. Angle of planar features quoted with respect to hole
 axis.

WEATHERING
 D Decomposed
 CV Completely weathered
 HW Highly weathered
 MW Moderately weathered
 SW Slightly weathered
 F Fresh

WATER PRESSURE
 TESTS
 Double packer
 Single packer

TESTS

WATER LEVEL
 Date / Depth

ENGINEERING GEOLOGY SECTION

Driller G. Harris Logged M. L. O'Flynn
 Date
 Plant Mindrill F20 Drawn
 Started July 1975 Approved
 Finished July 1975 Sheet 1 of 1

FRACTURE LOG
 Natural fractures per metre
 of core
 100
Diagram of fragments from

DRILLING REPORT

PROJECT CABOOLTURE SHIRE EXTRACTIVE RESOURCES SURVEY JOB NO.
 LOCALITY West of Narangba HOLE NO. CSD 11
 CO-ORDINATES 868954 CABOOLTURE 1:50 000 DATUM
 BEARING INCLINATION Vertical R.L. COLLAR
 CORE SIZE NX 0.60-4.06 m R.L. GROUND SURFACE
 BX 4.06-11.65 m R.L. ROCK SURFACE
 CASING R.L. BOTTOM OF HOLE

% CORE RECOVERED AND RUNS	DEPTH (m) 1:100	R.L.	WEATHERING	GEOLOGICAL DESCRIPTION	SYMBOLIC LOG	STRUCTURES <small>(joints, veins, seams, sheeted zones, crushed zones etc.)</small>	FRACTURE LOG	R.Q.D.	TESTS	% DRILL LOSS	WATER PRESSURE TESTS
	0.60			OPEN HOLE							
	4.06			HORNFELS: dark grey-green, mixture of clay and rock	HO	Joints iron stained and clay filled					
	4.30			NO RECOVERY							
	5.11			HORNFELS: dark grey- green, red-brown		Joints iron stained and clay filled, occasionally calcite coated					
	5.86										
	7.77					7.77-8.07 alteration zone					
	10.06										
	11.65			END OF HOLE							

Remarks

NOTES 1. All depths quoted with respect to ground surface
 measured along hole axis
 2. Angles of planar features quoted with respect to hole
 axis.

WEATHERING D Decomposed CW Completely weathered HW Highly weathered MW Moderately weathered SW Slightly weathered F Fresh FRACTURE LOG Record fractures per metre of core or Diameter of fragments (mm)	WATER PRESSURE TESTS 	TESTS	WATER LEVEL Date Log
--	---------------------------------	--------------	--------------------------------

ENGINEERING GEOLOGY SECTION	
Driller: G. Harris	Logged: M.L. O'Flynn
Plant: Mindrill F20	Date:
Started:	Drawn:
Finished: July 1975	Approved:
	Sheet: 1 of 1

CITY OF BRISBANE

BMP seriesBMP 23 (Grid Ref. 020 720)

- 0.0- 2.4 CLAY and SILTSTONE: brown with a few small pebbles;
micaceous in part
- 2.4- 2.7 LIMESTONE.

BMP 24 (Grid Ref. 020 720)

- | | | |
|-----|-----------------|--|
| { | 0.0- 0.9 CLAY: | red, plastic |
| { | 0.9- 1.8 CLAY: | red and white; with carbonaceous partings |
| * { | 1.8- 2.7 CLAY: | dark brown to red, highly carbonaceous |
| { | 2.7- 3.7 CLAY: | white |
| { | 3.7- 4.6 SHALE: | black, carbonaceous |
| { | 4.6- 5.5 CLAY: | dark brown to black and white |
| { | 5.5- 6.4 CLAY: | white and black, carbonaceous |
| * { | 6.4- 7.3 SHALE: | black, carbonaceous |
| { | 7.3- 9.1 SHALE: | light to medium brown; with coaly partings |

BMP 25 (Grid Ref. 020 720)

- * 0.0- 0.9 CLAY: light brown, plastic
- 0.9- 2.1 CLAY: light brown, sandy
- 2.1- 3.7 LIMESTONE.

BMP 26 (Grid Ref. 020 720)

- * 0.0- 0.9 CLAY: medium to dark brown
- 0.9- 4.9 CLAY: dark brown
- 4.9- 6.4 SANDSTONE: light grey, medium-grained, weathered

BMP 27 (Grid Ref. 020 720)

- | | | |
|-----|----------------|---|
| { | 0.0- 0.9 CLAY: | red and grey mottled, plastic |
| * { | 0.9- 1.8 CLAY: | light brown |
| { | 1.8- 2.7 CLAY: | medium to dark brown and grey with carbonaceous partings; minor micaceous |
- 2.7- 3.7 SILTSTONE.
- 3.7- 4.6 LIMESTONE and SHALE: dark brown

BMP 28 (Grid Ref. 020 720)

- * 0.0- 2.7 CLAY: yellow-brown with occasional red siltstone pebbles
- * Clay firing tests carried out. See elsewhere for results.

BMP 28 (Cont.)

* {	2.7- 3.7	CLAY:	medium brown to white, carbonaceous in part
	3.7- 4.6	CLAY:	brown, very carbonaceous
*	4.6- 5.5	CLAY:	black
	5.5- 6.4	CLAY:	light brown
	6.4- 7.3	CLAY:	black
	7.3- 9.1	SHALE:	medium brown

BMP 29 (Grid Ref. 020 720)

	0.0- 1.2	CLAY:	medium brown, carbonaceous
	1.2- 1.8	SHALE:	black, carbonaceous
* {	1.8- 4.6	CLAY:	white, plastic
	4.6- 5.5	CLAY:	light brown, plastic
	5.5- 7.3	SHALE:	black, carbonaceous with inter-bedded medium brown clay
*	7.3- 9.1	CLAY:	yellow-brown

BMP 30 (Grid Ref. 020 720)

	0.0- 1.2	CLAY:	yellow-brown, plastic
	1.2- 3.7	SANDSTONE:	yellow-brown, decomposed
	3.7- 5.5	SHALE:	light brown

BMP 31 (Grid Ref. 020 720)

	0.0- 1.8	SHALE:	medium brown.
	1.8- 2.7	SANDSTONE:	grey, fine to medium-grained

BMP 32 (Grid Ref. 020 720)

	0.0- 0.9	CLAY:	sandy
* {	0.9- 1.8	CLAY:	light brown, plastic
	1.8- 3.7	CLAY:	red-brown
	3.7- 4.6	SANDSTONE:	light brown, fine-grained, micaceous; few carbonaceous fragments

BMP 33 (Grid Ref. 020 720)

{	0.0- 1.8	CLAY:	light brown, sandy; with occasional quartz and charcoal fragments
	1.8- 2.7	SANDSTONE:	fine-grained
* {	2.7- 3.7	CLAY:	light brown, grey in part, sandy, carbonaceous
	3.7- 4.6	CLAY:	dark chocolate brown and grey,
*	4.6- 6.4	CLAY:	light brown and red, carbonaceous
	6.4- 7.3	CLAY:	dark chocolate brown, carbonaceous
	7.3- 9.1	SHALE:	black, carbonaceous
*	Clay firing tests carried out. See elsewhere for results.		

BMP 34 (Grid Ref. 020 720)

0.0- 0.9 LOAM: sandy
 0.9- 1.8 CLAY: red
 1.8- 2.1 SILTSTONE: brown, micaceous; with occasional quartz pebbles

BMP 35 (Grid Ref. 020 720)

0.0- 0.9 LOAM: sandy
 CLAY: brown
 * 0.9- 4.6 CLAY: red and grey mottled; slightly sandy and carbonaceous below 2.7 m
 4.6- 5.5 CLAY: grey to brown carbonaceous
 5.5- 6.4 CLAY: dark chocolate brown
 6.4- 8.2 SHALE: black, carbonaceous

BMP 36 (Grid Ref. 020 720)

0.0- 0.9 CLAY: brown and black, sandy
 * 0.9- 4.6 CLAY: red-brown, plastic; grey in part 2.7-3.7 m
 4.6- 5.5 CLAY: light brown and white
 5.5- 6.4 SILTSTONE: yellow-brown

BMP 37 (Grid Ref. 020 720)

0.0- 0.9 LOAM: sandy
 CLAY: red and grey
 * 0.9- 1.8 CLAY: red and white mottled
 1.8- 3.7 SANDSTONE: light grey, medium-grained, weathered; with quartz and ferruginous pebbles
 3.7- 4.6 SILTSTONE: medium brown, micaceous

BMP 38 (Grid Ref. 020 720)

0.0- 0.9 LOAM: sandy
 0.9- 1.8 CLAY: dark brown and dark blue-black
 * 1.8- 3.7 CLAY: red and grey mottled
 3.7- 4.6 CLAY: red
 4.6- 6.4 SANDSTONE: light grey, decomposed

BMP 39 (Grid Ref. 020 720)

0.0- 1.8 SILTSTONE: yellow, weathered
 1.8- 8.2 SILTSTONE: light brown, micaceous

BMP 352 (Grid Ref. 126 599)

* 0.0- 4.6 SHALE: light grey to white; black, carbonaceous in part
 * Clay firing tests carried out. See elsewhere for results.

BMP 352 (Cont.)

- * 4.6- 9.1 SHALE: medium to dark grey

BMP 353 (Grid Ref. 137 617)

- * 0.0- 5.5 TUFF: feldspathic

BMP 354 (Grid Ref. 138 618)

- * 0.0- 1.8 CLAY: brown to green with green specks

BMP 355 (Grid Ref. 138 604)

- 0.0- 0.9 LOAM: yellow-brown, sandy (fine-grained)
 0.9- 2.7 SANDSTONE: red, fine-grained, decomposed; few hard nodules
 2.7- 4.6 CLAY: light grey and red, sandy
 4.6- 5.5 CLAY: red, sandy; numerous hard red ferruginous sandstone nodules

BMP 356 (Grid Ref. 140 603)

- 0.0- 0.9 LOAM: sandy
 0.9- 1.8 CLAY: grey to red, plastic
 1.8- 2.7 SHALE: grey
 2.7- 4.6 SANDSTONE: light grey, fine-grained, decomposed
 4.6- 5.5 SANDSTONE: red-brown, fine-grained, decomposed

BMP 357 (Grid Ref. 140 599)

- 0.0- 0.9 LOAM: sandy
 0.9- 1.8 CLAY: light grey
 1.8- 2.7 SANDSTONE: grey and red, fine-grained, decomposed
 2.7- 5.5 SHALE: grey to brown, hard

BMP 358 (Grid Ref. 139 596)

- 0.0- 0.9 LOAM: grey, sandy
 0.9- 1.8 SANDSTONE: red, fine-grained, decomposed
 1.8- 3.7 CLAY: red and grey, very sandy
 { 3.7- 5.5 CLAY: light grey, plastic, very sandy
 { 5.5- 6.4 CLAY: light grey, plastic
 * { 6.4- 7.5 CLAY: light grey and brown to black in part, plastic
 { 7.5- 8.2 CLAY: brown to black, carbonaceous
 { 8.2- 9.1 CLAY: light grey to brown

BMP 359 (Grid Ref. 136 598)

- 0.0- 0.9 LOAM: yellow, sandy
 0.9- 5.5 SANDSTONE: light grey to reddish, fine-grained, decomposed
 * Clay firing tests carried out. See elsewhere for results.

BMP 360 (Grid Ref. 138 592)

0.0- 1.8	CLAY:	red, hard
1.8- 2.7	CLAY:	grey and red
2.7- 3.7	CLAY:	light grey and red, fairly soft; few hard red shale nodules
3.7- 4.6	CLAY:	light grey, plastic
4.6- 5.5	CLAY:	light grey to brown, plastic
5.5- 7.3	CLAY:	grey to brown, dry; few hard brown shale nodules

BMP 361 (Grid Ref. 142 592)

0.0- 5.5	SANDSTONE:	light grey, fine-grained, decomposed
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BMP 362 (Grid Ref. 148 600)

0.0- 0.9	LOAM:	light grey, fine-grained, sandy
0.9- 3.7	CLAY:	grey and red, very sandy
3.7- 5.5	SANDSTONE:	light grey, fine-grained, decomposed

BMP 363 (Grid Ref. 149 603)

0.0- 0.9	LOAM:	grey, sandy
0.9- 1.8	CLAY:	grey to brown, plastic
1.8- 3.7	SANDSTONE:	grey and red, fine-grained, decomposed
3.7- 4.6	CLAY:	grey, red and brown; sandy in part
4.6- 5.5	CLAY:	grey and red, sandy

BMP 364 (Grid Ref. 150 599)

0.0- 0.9	LOAM:	grey, sandy
0.9- 3.7	SANDSTONE:	red, medium-grained, decomposed; clayey
3.7- 6.4	SANDSTONE:	light grey, medium-grained, decomposed

BMP 365 (Grid Ref. 158 597)

0.0- 0.9	LOAM:	sandy
0.9- 1.8	CLAY:	grey and brown, very sandy
1.8- 2.7	CLAY:	medium grey, plastic; very sandy
2.7- 3.7	SANDSTONE:	light grey, medium-grained, decomposed
⊕ { 3.7- 7.3	CLAY:	light grey and red, plastic
⊕ { 7.3- 9.1	CLAY:	light grey to brown, plastic

⊕ Clay firing tests carried out. Results unsuccessful and not included.

BMP 367 (Grid Ref. 179 595)

- * { 0.0- 3.7 CLAY: blue-grey and red, plastic
 { 3.7- 4.6 CLAY: grey-brown, plastic
 { 4.6- 7.3 CLAY: medium to light grey, plastic

BMP 368 (Grid Ref. 174 595)

- * { 0.0- 3.7 CLAY: grey to brown, plastic
 { 3.7- 5.5 CLAY: light grey, plastic
 Water intersected at 5.5 m

BMP 369 (Grid Ref. 177 590)

- 0.0- 2.7 CLAY: grey to brown, plastic
 2.7- 3.7 CLAY: grey to red, plastic
 3.7- 4.6 CLAY: light to medium brown, plastic;
 few quartz pebbles
 4.6- 5.5 CLAY: medium brown, plastic
 5.5- 7.3 CLAY: medium brown, very sandy
 7.3- 8.2 SANDSTONE: light grey, fine-grained, decomposed
 Water intersected at 8.2 m

BMP 370 (Grid Ref. 176 586)

- 0.0- 2.7 CLAY: grey to brown, plastic
 2.7- 4.6 CLAY: light grey, very sandy (fine-grained)
 4.6- 5.5 CLAY: red to grey, sandy (fine-grained)
 Water intersected at 5.5 m

BMP 371 (Grid Ref. 173 586)

- * { 0.0- 1.8 CLAY: light to medium brown, plastic
 { 1.8- 3.7 CLAY: grey to brown, plastic
 { 3.7- 5.5 CLAY: light grey to red, plastic

BMP 383 (Grid Ref. 980 747)

- 0.0- 3.7 GRAVEL: brown, matrix, decomposed
 Water intersected at 3.7 m

BMP 384 (Grid Ref. 982 746)

- 0.0- 0.9 CLAY: red, very sandy
 0.9- 1.8 CLAY: red and grey, very sandy
 1.8- 3.7 GRAVEL: light grey; pebbles up to 10 mm,
 matrix very clayey

* Clay firing tests carried out. See elsewhere for results.

BMP 385 (Grid Ref. 985 745)

0.0- 0.9	LOAM:	dark brown
0.9- 1.8	LOAM:	medium brown, clayey
1.8- 3.7	CLAY:	light grey, plastic
3.7- 9.1	CLAY:	red and grey, plastic, sandy in part; numerous granules and small pebbles below 6.4 m

Water intersected between 3.7 and 9.1 m

BMP 386 (Grid Ref. 989 744)

0.0- 0.9	LOAM:	clayey
0.9- 3.7	CLAY:	light grey and red, plastic
3.7- 4.6	CLAY:	red-brown, plastic; few ironstone granules
4.6- 5.5	CLAY:	brown, plastic; few granules
5.5- 6.4	CLAY:	brown, very sandy

BMP 387 (Grid Ref. 991 748)

0.0- 0.9	LOAM:	brown
0.9- 1.8	CLAY:	medium brown, plastic; few granules and small nodules
1.8- 2.7	CLAY:	brown
{ 2.7- 4.6	CLAY:	red-brown, plastic, sandy in part
{ 4.6- 6.4	CLAY:	yellow-brown, plastic; few ferruginous nodules
* { 6.4- 7.3	CLAY:	grey and brown, plastic
{ 7.3- 9.1	CLAY:	red-brown, plastic, carbonaceous in part

Water intersected at 9.1 m

BMP 388 (Grid Ref. 991 753)

0.0- 0.9	LOAM:	red-brown
0.9- 1.8	CLAY:	red; numerous granules and few small pebbles
{ 1.8- 5.5	CLAY:	blue-grey, plastic
* { 5.5- 9.1	CLAY:	light grey and red, plastic

BMP 389 (Grid Ref. 987 754)

0.0- 0.9	GRAVEL:	numerous quartzite pebbles in brown matrix
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BMP 390 (Grid Ref. 988 759)

0.0- 1.8	GRAVEL:	numerous quartzite pebbles in brown matrix
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* Clay firing tests carried out. See elsewhere for results.

BMP 391 (Grid Ref. 992 758)

0.0- 0.9	LOAM:	brown
0.9- 1.8	CLAY:	brown, plastic
1.8- 2.7	CLAY:	red, sandy
2.7- 3.7	CLAY:	light grey and brown, very sandy
3.7- 4.6	CLAY:	red, sandy; numerous small pebbles
4.6- 6.4	CLAY:	blue-grey, plastic
6.4- 7.3	CLAY:	light grey to purplish
7.3- 8.2	CLAY:	light grey, sandy

BMP 392 (Grid Ref. 993 762)

* { 0.0- 2.7	CLAY:	light grey, plastic
2.7- 3.7	CLAY:	light grey and purplish, plastic
{ 3.7- 5.5	CLAY:	light grey to purplish, plastic
* 5.5- 9.1	CLAY:	medium brown to light grey, plastic

BMP 393 (Grid Ref. 999 762)

0.0- 0.9	SOIL:	red-brown, clayey
0.9- 3.7	CLAY:	red; numerous small pebbles
3.7- 5.5	CLAY:	light grey to red, plastic
5.5- 6.4	SANDSTONE:	red, fine-grained

BMP 394 (Grid Ref. 997 758)

* { 0.0- 2.7	CLAY:	light grey
2.7- 3.7	CLAY:	light grey to reddish, plastic
{ 3.7- 4.6	SHALE:	medium brown
4.6- 5.5	CLAY:	grey to brown, plastic
5.5- 7.3	CLAY:	red-brown, plastic

BMP 395 (Grid Ref. 003 763)

* 0.0- 5.5	CLAY:	red, plastic; few granules and small pebbles
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BMP 396 (Grid Ref. 007 761)

* { 0.0- 2.7	CLAY:	light grey to brown, plastic
2.7- 4.6	CLAY:	blue-grey to red, plastic
{ 4.6- 7.3	CLAY:	medium grey, plastic
7.3- 9.1	CLAY:	light to medium brown, plastic

BMP 397 (Grid Ref. 006 757)

0.0- 4.6	CLAY:	medium brown to greenish, plastic
4.6- 7.3	CLAY:	light brown to greenish, plastic

* Clay firing tests carried out. See elsewhere for results.

BMP 398 (Grid Ref. 005 754)

0.0- 2.7 CLAY: red, very hard; few granules
 * 2.7- 7.3 CLAY: light grey and red, plastic

BMP 399 (Grid Ref. 000 757)

0.0- 1.8 CLAY: red, very hard; few granules
 1.8- 3.7 CLAY: red, very hard; numerous quartz
 and basalt pebbles
 3.7- 4.6 CLAY: light grey, plastic
 4.6- 7.3 CLAY: grey and red, numerous small waxy
 granules
 7.3- 9.1 CLAY: medium grey to brown, plastic

BMP 400 (Grid Ref. 004 748)

0.0- 0.9 SOIL: red-brown, clayey
 0.9- 1.8 CLAY: red-brown, plastic
 1.8- 5.5 CLAY: light grey to brown, plastic
 5.5- 7.3 CLAY: light brown, plastic; numerous
 small chips of soft shale

BMP 401 (Grid Ref. 003 743)

0.0- 0.9 SOIL: red, clayey
 0.9- 1.8 CLAY: red, sandy
 1.8- 4.6 SANDSTONE: red, fine to medium-grained,
 decomposed
 4.6- 7.3 CLAY: light grey to brownish, plastic

BMP 402 (Grid Ref. 999 743)

0.0- 0.9 CLAY: red-brown
 0.9- 1.8 CLAY: light grey and red, plastic
 1.8- 2.7 CLAY: light grey
 2.7- 3.7 CLAY: light grey and light brown
 3.7- 4.6 CLAY: medium brown
 4.6- 5.5 CLAY: light brown
 5.5- 6.3 CLAY: grey to brown, shaly in part

BMP 403 (Grid Ref. 994 743)

0.0- 0.9 CONGLOMERATE: red; numerous quartz pebbles

BMP 404 (Grid Ref. 995 749)

0.0- 2.7 CLAY: light grey to brown, plastic
 2.7- 7.3 CLAY: light grey, plastic
 Water intersected at 7.3 m

BMP 405 (Grid Ref. 994 753)

0.0- 0.9 SOIL: red, clayey
 * 0.9- 7.3 CLAY: light grey to brown, plastic

BMP 406 (Grid Ref. 002 752)

0.0- 9.1 CLAY: light grey to red-brown, plastic

BMP 407 (Grid Ref. 009 751)

{ 0.0- 0.9 CLAY: brown, plastic
 * { 0.9- 3.7 CLAY: light grey, plastic
 * { 3.7- 5.5 CLAY: light brown, plastic
 { 5.5- 8.2 CLAY: light to medium brown, plastic

BMP 408 (Grid Ref. 013 751)

{ 0.0- 4.6 CLAY: light brown, plastic
 * { 4.6- 5.5 CLAY: medium grey to brown, plastic
 { 5.5- 6.4 CLAY: light brown, plastic
 { 6.4- 9.1 CLAY: light to medium brown, plastic;
 numerous light grey shale chips
 at base

BMP 409 (Grid Ref. 017 750)

0.0- 3.7 CLAY: red, hard; numerous granules
 and few quartz pebbles below 2.7 m.
 3.7- 4.6 SANDSTONE: red, fine-grained

BMP 410 (Grid Ref. 012 748)

0.0- 4.6 CLAY: light grey, plastic
 4.6- 7.3 CLAY: light grey to light brown, plastic

BMP 411 (Grid Ref. 020 745)

0.0- 3.7 CLAY: red, hard

BMP 412 (Grid Ref. 012 746)

{ 0.0- 0.9 CLAY: red-brown
 * { 0.9- 1.8 CLAY: red, sandy
 { 1.8- 9.1 CLAY: light grey to reddish, plastic; few
 ironstone nodules

BMP 413 (Grid Ref. 007 741)

* 0.0- 1.8 SILTSTONE: light grey to white
 1.8- 3.7 SILTSTONE: red
 { 3.7- 6.4 SILTSTONE: light grey to brown
 * { 6.4- 7.3 SILTSTONE: red

* Clay firing tests carried out. See elsewhere for results.

BMP 414 (Grid Ref. 014 740)

0.0- 2.7 CLAY: light brown, very sandy (fine-grained)
 2.7- 3.7 CLAY: light grey, very sandy (fine to medium-grained)
 3.7- 6.4 CLAY: red, very sandy (medium to coarse-grained); few pebbles

BMP 415 (Grid Ref. 013 754)

{ 0.0- 1.8 CLAY: light to medium brown, plastic
 ⊕ { 1.8- 2.7 CLAY: light grey-red, plastic
 { 2.7- 5.5 CLAY: yellow-brown, plastic
 ⊕ 5.5- 9.1 CLAY: dark green, calcareous, plastic

BMP 416 (Grid Ref. 014 760)

* { 0.0- 0.9 CLAY: brown, plastic
 { 0.9- 3.7 CLAY: white, plastic, calcareous
 { 3.7- 6.4 CLAY: green, plastic
 { 6.4- 7.3 CLAY: white, plastic

Water intersected at 5.5 m

BMP 417 (Grid Ref. 018 758)

{ 0.0- 3.7 CLAY: dark chocolate brown, plastic
 ⊕ { 3.7- 5.5 CLAY: light to medium brown
 { 5.5- 6.4 CLAY: yellow-brown, plastic
 { 6.4- 9.1 CLAY: dark green, calcareous, plastic

BMP 418 (Grid Ref. 017 753)

0.0- 6.4 CLAY: light brown, plastic
 6.4- 7.3 CLAY: dark chocolate brown, plastic
 7.3- 9.1 CLAY: dark green, plastic

Water intersected at 9.1 m

BMP 419 (Grid Ref. 024 749)

{ 0.0- 1.8 CLAY: dark chocolate brown, plastic
 ⊕ { 1.8- 4.6 CLAY: light grey-brown, plastic
 { 4.6- 6.4 CLAY: yellow-brown, plastic
 { 6.4- 9.1 CLAY: dark brown to dark green, plastic, calcareous

BMP 420 (Grid Ref. 022 752)

0.0- 2.7 CLAY: dark chocolate, plastic
 2.7- 4.6 CLAY: light brown, plastic

* Clay firing tests carried out. See elsewhere for results.
 ⊕ Clay firing tests carried out. Results unsuccessful and not included.

BMP 420 (cont.)

4.6- 7.3	CLAY:	light yellow-brown, plastic
7.3- 8.2	CLAY:	light yellow to green, plastic; carbonaceous
8.2-11.9	CLAY:	dark green, plastic, calcareous; numerous green shale fragments

Water intersected at 11.9 m

BMP 421 (Grid Ref. 023 759)

0.0- 2.7	CLAY:	red-brown, plastic; numerous hard red ironstone nodules
{ 2.7- 4.6	CLAY:	light grey and red, plastic; few ironstone pebbles
* { 4.6- 6.4	CLAY:	red-brown and grey; few ironstone nodules
{ 6.4- 8.2	CLAY:	red-brown, plastic
{ 8.2- 9.1	CLAY:	yellow-brown, plastic

BMP 422 (Grid Ref. 024 758)

{ 0.0- 3.7	CLAY:	dark chocolate-brown, plastic
* { 3.7- 5.5	CLAY:	light grey, plastic
{ 5.5- 6.4	CLAY:	light brown, plastic
6.4- 7.3	CLAY:	brown to dark green, plastic
7.3- 8.2	CLAY:	medium to dark brown, plastic
8.2- 9.1	SHALE:	medium to dark green, calcareous

BMP 423 (Grid Ref. 020 768)

0.0- 1.8	CLAY:	medium to dark brown, plastic
1.8- 2.7	CLAY:	red-brown, plastic
2.7- 3.7	CLAY:	light brown to green, plastic
* 3.7- 9.1	CLAY:	medium green, plastic, calcareous

BMP 424 (Grid Ref. 020 764)

0.0- 2.7	CLAY:	dark chocolate brown, plastic
2.7- 5.5	CLAY:	light brown, plastic
5.5- 7.3	CLAY:	light yellow-brown, plastic
7.3- 9.1	CLAY:	dark green, plastic, calcareous

BMP 425 (Grid Ref. 015 768)

* { 0.0- 6.4	CLAY:	light brown, plastic
{ 6.4-10.1	CLAY:	light yellow-brown, plastic
10.1-11.9	CLAY:	dark green, plastic, calcareous

* Clay firing tests carried out. See elsewhere for results.

BMP 426 (Grid Ref. 016 765)

0.0- 2.7 CLAY: red, hard; numerous small granules
 2.7- 4.6 CLAY: light grey, plastic
 4.6- 5.5 CLAY: light grey-brown, plastic;
 numerous shale chips
 5.5- 7.3 CLAY: red brown and grey, plastic;
 numerous shale chips

Water intersected at 7.3 m

BMP 427 (Grid Ref. 010 753)

0.0- 2.7 CLAY: medium to dark brown, plastic
 2.7- 9.1 CLAY: light green, calcareous, plastic

Water intersected at 9.1 m

BMP 428 (Grid Ref. 009 759)

0.0- 1.8 CLAY: medium to dark brown, plastic;
 numerous fragments of basalt
 towards the bottom
 1.8- 3.7 BASALT: decomposed

BMP 429 (Grid Ref. 011 761)

0.0- 3.7 CLAY: light green, whitish in part;
 calcareous, plastic
 3.7- 4.6 SHALE: light green, calcareous
 4.6- 5.5 CLAY: light green, calcareous, plastic

Water intersected at 5.5 m

BMP 430 (Grid Ref. 007 766)

0.0- 5.5 BASALT: decomposed to brown clayey material;
 nodules of less decomposed
 basalt

BMP 431 (Grid Ref. 006 768)

{ 0.0- 2.7 CLAY: medium to dark brown, plastic
 { 2.7- 6.4 CLAY: yellow-brown, plastic
 { 6.4- 7.3 CLAY: brown to purple, plastic
 * { 7.3- 8.2 CLAY: light brown to green; numerous
 nodules of light yellow calcareous
 shale
 { 8.2-10.1 CLAY: medium brown, plastic
 { 10.1-11.0 CLAY: yellow-brown, plastic; numerous
 nodules of yellow calcareous shale
 and few nodules of decomposed basalt

Water intersected at 11.0 m

* Clay firing tests carried out. See elsewhere for results.

BMP 432 (Grid Ref. 000 772)

0.0- 2.7 SILT: dark brown; loamy
 2.7- 6.4 SAND: coarse-grained; gravelly in part
 6.4- 8.2 GRAVEL: passing into
 8.2- 9.1 CLAY: dark grey, plastic

Water intersected at 9.1 m

BMP 433 (Grid Ref. 003 772)

0.0- 2.7 SILT: brown; loamy
 2.7- 3.7 SAND: coarse-grained; gravelly
 3.7- 5.5 GRAVEL

Water intersected at 5.5 m

BMP 434 (Grid Ref. 008 770)

0.0-11.9 CLAY: dark green, calcareous, plastic

BMP 435 (Grid Ref. 010 773)

0.0- 2.7 BASALT: dark brown, decomposed, clayey

BMP 436 (Grid Ref. 011 776)

0.0- 0.9 BASALT: decomposed; very hard at bottom

BMP 437 (Grid Ref. 005 782)

0.0- 2.7 BASALT: decomposed; hard at bottom

BMP 438 (Grid Ref. 010 782)

0.0- 4.6 BASALT: decomposed; very hard at bottom

BMP 439 (Grid Ref. 017 780)

0.0- 1.8 CLAY: medium brown, plastic
 1.8- 2.7 CLAY: white, calcareous, plastic
 2.7- 3.7 CLAY: green-brown, calcareous, plastic
 3.7- 8.2 SHALE: medium green, calcareous
 8.2- 9.1 CLAY: green, calcareous

Water intersected at 9.1 m

BMP 440 (Grid Ref. 010 784)

0.0- 1.8 CLAY: light brown, plastic, sandy
 1.8- 3.7 CLAY: light brown to red, plastic, sandy
 3.7- 5.5 BASALT: decomposed

BMP 441 (Grid Ref. 007 785)

0.0- 4.6 BASALT: brown, decomposed

BMP 442 (Grid Ref. 011 792)

0.0- 2.7 CLAY: medium grey to brown, plastic
2.7- 9.1 CLAY: light to medium brown and light
grey, plastic, very sandy

BMP 443 (Grid Ref. 007 793)

0.0- 0.9 SILT: brown
0.9- 1.8 CLAY: grey-brown, very sandy
1.8- 2.7 CLAY: red-brown, very sandy
2.7- 5.5 SAND: light grey, medium to coarse-
grained, clayey; coarse-grained
at bottom

Water intersected at 5.5 m

BMP 444 (Grid Ref. 013 796)

0.0- 0.9 SILT:
0.9- 5.5 SAND: brown, fine-grained, silty
5.5- 6.4 SAND: light grey, fine-grained

BMP 445 (Grid Ref. 015 798)

0.0- 5.5 CLAY: grey to brown, plastic
5.5- 9.1 CLAY: light brown, plastic, very sandy

BMP 446 (Grid Ref. 014 802)

* 0.0- 7.3 MUD: black

Water intersected at 1.8 m

BMP 447 (Grid Ref. 014 808)

0.0- 0.9 SAND: medium-grained
0.9- 1.8 SAND AND GRAVEL:
1.8- 6.4 MUD: black, sandy

Water intersected between 0.9 & 1.8 m

BMP 448 (Grid Ref. 018 796)

0.0- 1.8 CLAY: light grey to brown, plastic
1.8- 5.5 CLAY: light brown, plastic
5.5- 7.3 SAND: coarse-grained, few pebbles

Water intersected at 7.3 m

* Clay firing tests carried out. See elsewhere for results.

BMP 449 (Grid Ref. 024 799)

0.0- 2.7 MUD: black
 2.7- 3.7 CLAY: green; few recent shells

BMP 450 (Grid Ref. 015 791)

{ 0.0- 2.7 CLAY: medium brown, plastic, slightly
 sandy
 * { 2.7- 4.6 CLAY: blue-grey to brown, plastic
 { 4.6- 5.5 CLAY: light grey, plastic
 { 5.5- 8.2 CLAY: grey to brown, plastic
 { 8.2- 9.1 CLAY: light to medium brown, plastic

BMP 451 (Grid Ref. 018 791)

0.0- 2.7 CLAY: medium brown, plastic, sandy
 2.7- 3.7 CLAY: red and blue-grey, plastic
 3.7- 4.6 CLAY: red, plastic, sandy
 4.6- 5.5 CLAY: red-brown, plastic, very sandy
 5.5- 6.4 SANDSTONE: grey to yellow, decomposed;
 numerous pebbles

Water intersected at 6.4 m

BMP 452 (Grid Ref. 024 790)

0.0- 3.7 CLAY: red, plastic, sandy
 3.7- 4.6 CLAY: light brown, plastic, very sandy
 4.6- 8.2 GRAVEL: numerous quartz and greenstone
 pebbles
 8.2- 9.1 CLAY: dark brown

Water intersected at 8.2 m

BMP 453 (Grid Ref. 027 789)

* 0.0- 4.6 GREENSTONE: decomposed; highly micaceous and
 schistose pebbles and quartz
 pebbles
 4.6- 5.5 CLAY: green and yellow

BMP 454 (Grid Ref. 026 783)

0.0- 6.4 GREENSTONE: decomposed; with quartz pebbles

BMP 455 (Grid Ref. 026 779)

0.0- 0.9 SANDSTONE: light grey, coarse-grained,
 decomposed
 0.9- 1.8 CONGLOMERATE:

* Clay firing test carried out. See elsewhere for results.

BMP 456 (Grid Ref. 021 776)

0.0- 3.7 CLAY: blue-grey and red, plastic
 3.7- 5.5 CLAY: yellow-green, plastic; numerous
 yellow-green waxy shale chips
 5.5- 7.3 CLAY: dark green, plastic
 7.3- 9.1 SHALE: medium to dark green

BMP 457 (Grid Ref. 029 774)

0.0- 3.7 SANDSTONE: red and grey, medium-grained,
 decomposed
 { 3.7- 6.4 CLAY: light grey, plastic
 * { 6.4- 7.3 CLAY: light to medium grey, plastic
 { 7.3- 8.2 CLAY: red and grey, plastic
 { 8.2- 9.1 CLAY: dark grey, plastic

BMP 458 (Grid Ref. 024 771)

* { 0.0- 3.7 CLAY: medium brown, plastic
 { 3.7- 8.2 CLAY: light yellow-brown
 { 8.2- 9.1 CLAY: dark green, plastic

BMP 459 (Grid Ref. 028 767)

* { 0.0- 4.6 CLAY: dark brown, plastic
 { 4.6- 6.4 CLAY: red-brown, plastic
 { 6.4- 7.3 CLAY: light grey to red, plastic
 { 7.3- 8.2 CLAY: light grey

BMP 460 (Grid Ref. 032 766)

0.0- 5.5 CLAY: dark chocolate brown, plastic
 5.5- 8.2 CLAY: red-brown, plastic, passing
 into
 8.2- 9.1 SANDSTONE: decomposed
 Water intersected at 8.8 m

BMP 461 (Grid Ref. 036 766)

0.0- 0.9 SAND: yellow-brown, medium-grained
 0.9- 3.7 CLAY: light brown, very sandy
 3.7- 4.6 SANDSTONE: dark green, medium-grained,
 decomposed, clayey in part
 4.6- 5.5 CLAY: dark green, plastic
 5.5- 7.3 CLAY: medium brown, plastic, very sandy
 Water intersected at 7.2 m

* Clay firing test carried out. See elsewhere for results.

BMP 462 (Grid Ref. 040 767)

0.0- 0.9	LOAM:	grey to red, sandy
0.9- 3.7	CLAY:	blue-grey to brown, plastic, sandy
3.7- 5.5	CLAY:	red to grey-brown, plastic, sandy
5.5- 7.3	CLAY:	red-brown, plastic, sandy

BMP 463 (Grid Ref. 036 771)

0.0- 6.4	SANDSTONE:	red and light grey to white, fine-grained, decomposed
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Water intersected at 6.4 m

BMP 464 (Grid Ref. 032 772)

0.0- 0.9	LOAM:	grey to black, sandy
0.9- 2.7	CLAY:	light grey to brown, plastic, sandy
* 2.7- 6.4	CLAY:	medium brown, plastic

BMP 465 (Grid Ref. 041 772)

0.0- 1.8	CLAY:	light pinkish, plastic
1.8- 3.7	CLAY:	light grey to red, plastic
3.7- 5.5	CLAY:	blue-grey to red, plastic
5.5- 9.1	CLAY:	red-brown and greenish, with numerous green nodules of basalt, vesicular in part

BMP 466 (Grid Ref. 042 778)

0.0- 2.7	SANDSTONE:	light grey, fine-grained, decomposed
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2.7- 4.6	SANDSTONE:	medium brown, decomposed
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4.6- 5.5		No recovery; very hard
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Water intersected at 5.5 m

BMP 467 (Grid Ref. 038 781)

0.0- 1.8	SAND:	light grey, fine to medium- grained
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1.8- 4.6	SANDSTONE:	red, fine to medium-grained, decomposed
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4.6- 6.4	CLAY:	red and grey, very sandy
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Water intersected between 1.8 & 2.7 m

BMP 468 (Grid Ref. 033 781)

0.0- 1.8	SANDSTONE:	red and light grey, medium to coarse-grained, very hard
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* Clay firing test carried out. See elsewhere for results.

BMP 469 (Grid Ref. 038 787)

0.0- 4.6 CLAY: blue-grey, sandy
 4.6- 5.5 CLAY: green-brown; numerous green waxy fragments
 5.5- 6.4 CLAY: green; numerous waxy fragments and pebbles of decomposed BASALT
 6.4- 8.2 CLAY: green; with BASALT pebbles

BMP 470 (Grid Ref. 034 788)

0.0- 1.8 CLAY: grey to green, plastic
 1.8- 3.7 GREENSTONE: decomposed; greenstone pebbles in chloritic matrix

BMP 471 (Grid Ref. 028 785)

0.0- 4.6 GREENSTONE: numerous chloritic schist pebbles in chloritic matrix.

BMP 472 (Grid Ref. 027 781)

0.0- 3.7 GRAVEL: greenstone (dominant) and quartz pebbles in brown matrix

BMP 473 (Grid Ref. 026 780)

0.0-1.8 CLAY: light brown, plastic
 1.8- 6.4 SHALE: light to medium brown, few pebbles; carbonaceous streaks
 6.4- 8.2 GREENSTONE: decomposed

BMP 474 (Grid Ref. 042 787)

0.0- 0.9 CLAY: red and brown
 0.9- 1.8 CLAY: green
 1.8- 3.7 CLAY: light to medium brown; numerous waxy fragments
 3.7- 4.6 CLAY: light grey, plastic
 4.6- 5.5 SANDSTONE: medium grey, fine to medium-grained
 Water intersected at 5.5 m

BMP 475 (Grid Ref. 046 788)

0.0- 0.9 LOAM: grey, sandy
 0.9- 2.7 CLAY: red and blue-grey, plastic
 2.7- 5.5 CLAY: medium brown to green; plastic; numerous light yellow, waxy chips (?=decomposed BASALT)
 5.5- 7.3 CLAY: red, plastic

BMP 476 (Grid Ref. 041 791)

0.0- 1.8	CLAY:	red and brown, plastic
{ 1.8- 3.7	SILTSTONE:	light grey, micaceous
* { 3.7- 5.5	SILTSTONE:	light grey to light brown
{ 5.5- 7.3	SHALE:	light brown, very micaceous in part

BMP 477 (Grid Ref. 044 799)

0.0- 2.7	SANDSTONE:	red, medium-grained, decomposed
2.7- 4.6	SANDSTONE:	light yellow, medium-grained, decomposed
4.6- 5.5	SANDSTONE:	light grey to light yellow, medium-grained, decomposed

BMP 478 (Grid Ref. 056 789)

0.0- 0.9	LOAM:	grey, sandy
0.9- 3.7	CLAY:	red and grey, sandy; micaceous in part
3.7- 7.3	SILTSTONE:	light grey to brown, decomposed; micaceous in part

BMP 479 (Grid Ref. 053 787)

0.0- 0.9	SOIL:	black, numerous ironstone nodules
0.9- 3.7	CLAY:	blue-grey, plastic
* 3.7- 6.4	CLAY:	light grey and red
6.4- 8.2	CLAY:	light grey, very plastic (decomposed ?basalt)

Water intersected at 8.2 m

BMP 480 (Grid Ref. 054 779)

0.0- 2.7	CLAY:	grey to light yellow-brown, plastic
2.7- 3.7	CLAY:	light grey, plastic
* 3.7- 7.3	CLAY:	blue-grey and red, plastic
7.3- 9.1	CLAY:	yellow-green, plastic (?=decomposed BASALT)

BMP 481 (Grid Ref. 047 779)

0.0- 0.9	CLAY:	brown, plastic
0.9- 1.8	CLAY:	brown, plastic, sandy
1.8- 7.3	CLAY:	light to medium brown and green, plastic; numerous waxy fragments (?=decomposed BASALT)

Water intersected at 7.3 m

* Clay firing test carried out. See elsewhere for results.

BMP 482 (Grid Ref. 048 785)

- * { 0.0- 5.5 CLAY: blue-grey and red, plastic
 5.5- 7.3 CLAY: grey to light brown, plastic

BMP 483 (Grid Ref. 047 775)

- 0.0- 0.9 SOIL: black
 * { 0.9- 3.7 CLAY: greenish-brown, plastic;
 numerous green waxy fragments
 { 3.7- 7.3 CLAY: red-brown, plastic, sandy;
 numerous waxy fragments

BMP 484 (Grid Ref. 045 768)

- 0.0- 3.7 CLAY: blue-grey to brown, plastic
 3.7- 5.5 CLAY: blue-grey, plastic
 5.5- 6.4 CLAY: reddish, plastic; few granules
 6.4- 7.3 SANDSTONE: light grey, coarse-grained
 Water intersected at 7.3 m

BMP 485 (Grid Ref. 044 764)

- 0.0- 1.8 CLAY: light grey, plastic
 1.8- 2.7 GRAVEL: numerous angular quartz pebbles
 2.7- 4.6 CLAY: light grey to light brown,
 plastic, very sandy
 4.6- 7.3 CLAY: green to yellow, plastic
 7.3- 8.2 CLAY: green, plastic; few waxy frag-
 ments

BMP 486 (Grid Ref. 043 760)

- 0.0- 0.9 LOAM: yellow-grey, sandy
 0.9- 1.8 CLAY: red, sandy
 1.8- 2.7 GRAVEL: angular quartz fragments
 2.7- 3.7 CLAY: blue-grey, plastic
 3.7- 4.6 CLAY: red-brown, plastic
 4.6- 7.3 CLAY: light grey to light brown,
 plastic, sandy

BMP 487 (Grid Ref. 043 755)

- 0.0- 0.9 LOAM: sandy
 0.9- 4.6 SANDSTONE: red, ferruginous, medium-grained

BMP 488 (Grid Ref. 037 756)

- 0.0- 0.9 LOAM: light grey, sandy
 0.9- 2.7 CLAY: light grey and brown, very sandy
 2.7- 4.6 SANDSTONE: light grey and red-brown, fine-
 grained, decomposed

* Clay firing tests carried out, see elsewhere for results.

BMP 488 (cont.)

4.6- 7.3 SANDSTONE: light grey, coarse-grained,
decomposed

Water intersected at 4.6 m

BMP 489 (Grid Ref. 029 758)

* { 0.0- 3.7 CLAY: dark chocolate brown, plastic
3.7- 4.6 CLAY: grey to brown, plastic
4.6- 5.5 CLAY: greenish, plastic

Water intersected at 5.5 m

BMP 490 (Grid Ref. 047 758)

0.0- 0.9 LOAM: sandy
0.9- 4.6 SANDSTONE: medium grey, fine-grained,
decomposed; coarser-grained
in part
4.6- 6.4 CLAY: red, very sandy
6.4- 8.2 CLAY: yellow-brown, very sandy

Water intersected at 5.5 m

BMP 491 (Grid Ref. 048 762)

0.0- 0.9 LOAM: grey and yellow, sandy
0.9- 3.7 SANDSTONE: red, fine to medium-grained,
decomposed
3.7- 4.6 SANDSTONE: light grey, medium-grained,
decomposed
4.6- 5.5 SANDSTONE: light grey, coarse-grained;
with few pebbles

BMP 492 (Grid Ref. 052 754)

0.0- 1.8 CLAY: dark chocolate brown, plastic
* { 1.8- 4.6 CLAY: light grey to light red-brown,
plastic
4.6- 5.5 CLAY: light brown, plastic
(5.5- 7.3 CLAY: light brown to greenish

BMP 493 (Grid Ref. 052 749)

0.0- 1.8 BASALT: decomposed; numerous waxy
fragments

BMP 494 (Grid Ref. 056 748)

0.0- 2.7 CLAY: medium brown, plastic
2.7- 5.5 CLAY: grey-brown, plastic
5.5- 6.4 CLAY: greenish, plastic

* Clay firing tests carried out, see elsewhere for results.

BMP 495 (Grid Ref. 054 748)

0.0- 1.8 CLAY: brown to greenish-yellow
(=decomposed BASALT)

BMP 496 (Grid Ref. 051 744)

0.0- 0.9 SOIL: brown-black (=decomposed BASALT)
 0.9- 1.8 CLAY: medium green, plastic, calcareous;
 numerous soft nodules (=decomposed
 BASALT)
 1.8- 2.7 CLAY: green-white, calcareous
 (=decomposed BASALT)
 2.7- 4.6 CLAY: medium green, plastic, calcareous;
 numerous waxy fragments
 (=decomposed BASALT)
 4.6- 7.3 CLAY: light brown to greenish,
 calcareous; numerous waxy
 fragments (=decomposed BASALT)

BMP 497 (Grid Ref. 046 750)

0.0- 2.7 CLAY: dark chocolate, plastic
 2.7- 4.6 CLAY: brown to green, plastic, sandy
 (=decomposed BASALT)
 4.6- 7.3 CLAY: green, plastic (=decomposed
 BASALT)

Water intersected at 5.5 m

BMP 498 (Grid Ref. 038 746)

0.0- 3.7 SANDSTONE: red, medium-grained; numerous
 small pebbles

BMP 499 (Grid Ref. 039 751)

0.0- 1.8 CLAY: dark brown to red, plastic,
 numerous small pebbles
 1.8- 3.7 CLAY: light grey to light brown,
 plastic
 3.7- 4.6 CLAY: light brown, light grey and red
 4.6- 5.5 CLAY: grey to yellow-brown, plastic

BMP 500 (Grid Ref. 032 747)

0.0- 3.7 CLAY: light to medium brown, plastic,
 sandy
 3.7- 5.5 SANDSTONE: grey, fine-grained, decomposed
 5.5- 6.4 SANDSTONE: fine to coarse-grained,
 decomposed
 6.4- 7.3 SANDSTONE: coarse-grained; with GRAVEL

Water intersected at 5.5 m

BMP 501 (Grid Ref. 028 748)

0.0- 3.7 CLAY: light brown, plastic, sandy
 3.7- 4.6 SANDSTONE: grey-brown, coarse-grained,
 pebbly
 4.6- 5.5 GRAVEL:
 5.5- 6.4 CLAY: brown, very sandy; few pebbles
 6.4- 7.3 CLAY: medium grey, very sandy, plastic

BMP 502 (Grid Ref. 031 752)

0.0- 3.7 CLAY: light to medium brown, plastic,
 very sandy
 3.7- 5.5 SANDSTONE: medium grey, medium-grained,
 plastic, decomposed
 5.5- 7.3 GRAVEL and CLAY:

BMP 503 (Grid Ref. 028 752)

(0.0- 3.7 CLAY: grey-brown, plastic
 { 3.7- 6.4 CLAY: light to medium brown, plastic
 (6.4- 7.3 CLAY: yellow-brown, plastic
 { 7.3- 8.2 CLAY: light to medium brown, plastic
 { 8.2-11.0 CLAY: dark green, calcareous, plastic

BMP 504 (Grid Ref. 054 743)

(0.0- 2.7 CLAY: light to medium brown, plastic
 { 2.7- 6.4 CLAY: light brown, plastic
 (6.4- 9.1 CLAY: light yellow-brown, plastic
 9.1-10.1 CLAY: dark green, plastic, slightly
 calcareous

BMP 505 (Grid Ref. 064 746)

0.0- 1.8 CLAY: dark brown, plastic
 1.8- 3.7 CLAY: red-brown, plastic
 3.7- 4.6 CLAY: brown to yellow to greenish,
 plastic
 4.6- 7.3 CLAY: light yellow-brown, plastic,
 calcareous
 7.3- 9.1 CLAY: dark green, plastic, calcareous;
 numerous calcite crystals

Water intersected at 9.1 m

BMP 506 (Grid Ref. 067 749)

0.0- 0.9 CLAY: dark brown
 0.9- 1.8 CLAY: dark yellow-brown, sandy
 { 1.8- 3.7 CLAY: light grey to brown, plastic
 { 3.7- 5.5 CLAY: light yellow-brown, plastic

+ Clay firing tests carried out. Results unsuccessful and
 not included.

BMP 506 (cont.)

{ 5.5- 6.4	CLAY:	medium brown, plastic
{ 6.4- 7.3	CLAY:	dark chocolate, plastic
7.3- 8.2	CLAY:	dark green, plastic
		Water intersected at 8.2 m

BMP 507 (Grid Ref. 070 744)

0.0- 0.9	CLAY:	yellow-brown to red-brown, plastic
0.9- 3.7	CLAY:	blue-grey, plastic; numerous small granules of quartz
3.7- 4.6	CLAY:	chocolate, plastic
4.6- 5.5	CLAY:	blue-grey to brown, plastic
5.5- 6.4	CLAY:	light grey to brown, plastic
6.4- 7.3	CLAY:	light green, plastic; white, chalky in part (gypsum)

BMP 508 (Grid Ref. 066 740)

{ 0.0- 2.7	CLAY:	light to medium brown, plastic
{ 2.7- 4.6	CLAY:	dark chocolate to red-brown, plastic
{ 4.6- 7.3	CLAY:	light green and red, plastic; few ironstone nodules

BMP 509 (Grid Ref. 072 740)

0.0- 2.7	SAND:	medium brown, medium-grained
2.7- 4.6	CLAY:	grey and red to green, plastic

BMP 510 (Grid Ref. 074 737)

0.0- 1.8	CLAY:	yellow-brown, plastic
1.8- 4.6	CLAY:	yellow-brown to grey, plastic
{ 4.6- 5.5	CLAY:	blue-grey, plastic
{ 5.5- 7.3	CLAY:	medium grey, plastic
		Water intersected at 7.3 m

BMP 511 (Grid Ref. 068 738)

0.0- 3.7	CLAY:	medium brown, plastic, sandy
* 3.7- 5.5	CLAY:	blue-grey, plastic
5.5- 9.1	CLAY:	red and blue-grey, plastic
		Water intersected at 9.1 m

* Clay firing tests carried out. See elsewhere for results.
 ⊕ Clay firing tests carried out. Results unsuccessful and not included.

BMP 512 (Grid Ref. 085 739)

0.0- 1.8 SAND: red-brown, fine to medium-grained
 1.8- 5.5 CLAY: blue-grey, plastic; few small ironstone pebbles
 Water intersected at 5.5 m

BMP 513 (Grid Ref. 015 725)

0.0- 3.7 CLAY: light grey and red, plastic
 3.7- 6.4 CLAY: yellow and red-brown; few nodules
 6.4- 7.3 CLAY: red-brown, plastic

BMP 514 (Grid Ref. 016 725)

0.0- 2.7 CLAY: blue-grey and red, plastic
 2.7- 6.4 CLAY: light grey to light brown, plastic
 6.4- 7.3 CLAY: light brown, plastic
 7.3- 8.2 CLAY: dark brown, plastic, micaceous
 8.2- 9.1 CLAY: grey and brown, carbonaceous in part
 Water filled hole and overflowed

BMP 515 (Grid Ref. 002 726)

0.0- 5.5 SANDSTONE: red, very fine-grained

BMP 516 (Grid Ref. 046 726)

0.0- 5.5 CLAY: yellow-brown, plastic

BMP 517 (Grid Ref. 055 724)

* 0.0- 6.4 CLAY: light to medium brown, plastic
 { 6.4- 7.3 CLAY: light yellow-brown and white,
 * { plastic, calcareous (?=decomposed
 BASALT
 { 7.3- 8.2 CLAY: yellow, white and greenish;
 numerous small waxy fragments
 (?=decomposed BASALT)

BMP 518 (Grid Ref. 054 720)

0.0- 0.9 SILTSTONE: grey, decomposed
 0.9- 1.8 CLAY: red-brown, plastic
 1.8- 3.7 CLAY: blue-grey to red-brown, plastic
 3.7- 4.6 CLAY: light green
 4.6- 5.5 CLAY: light yellow-brown, plastic

* Clay firing tests carried out, see elsewhere for results.

BMP 518 (cont.)

5.5- 7.3 CLAY: light green, plastic; numerous green shale chips
 7.3- 8.2 CLAY: light brown, plastic
 8.2- 9.1 CLAY: medium green; numerous green shale fragments

BMP 519 (Grid Ref. 053 712)

0.0- 0.9 LOAM: grey, sandy
 0.9- 3.7 CLAY: medium brown, plastic, very sandy
 3.7- 7.3 SANDSTONE: medium grey, fine to medium-grained; few pebbles
 Water intersected at 7.3 m

BMP 520 (Grid Ref. 060 719)

0.0- 0.9 LOAM: light grey, sandy
 0.9- 3.7 CLAY: grey-brown, plastic, very sandy
 3.7- 5.5 CLAY: red-brown, plastic, very sandy; numerous small pebbles
 5.5- 6.4 SANDSTONE: medium grey, medium-grained
 6.4- 7.3 CLAY: grey-green
 Water intersected at 7.3 m

BMP 521 (Grid Ref. 036 735)

0.0- 1.8 CLAY: dark chocolate brown, plastic
 1.8- 3.7 CLAY: light grey and red, plastic
 3.7- 5.5 CLAY: grey-brown to reddish, plastic
 5.5- 6.4 CLAY: yellow brown, plastic passing (6.4-7.3) into
 6.4- 7.3 CLAY: dark green, plastic

BMP 522 (Grid Ref. 050 738)

* { 0.0- 1.8 CLAY: dark chocolate, plastic
 1.8- 5.5 CLAY: light to medium brown to greenish, plastic; green shale fragments
 * 5.5- 8.2 CLAY: light green, semi-plastic
 Water intersected at 8.2 m

BMP 523 (Grid Ref. 060 738)

0.0- 0.9 SOIL: dark red, clayey
 0.9- 2.7 CLAY: red, grey in part; few granules
 2.7- 3.7 SHALE: medium brown
 3.7- 7.3 CLAY: medium brown, semi-plastic

* Clay firing tests carried out, see elsewhere for results.

BMP 524 (Grid Ref. 058 748)

- 0.0- 1.8 SOIL: dark red, clayey
 * 1.8- 6.4 CLAY: light grey, light brown and red-brown, plastic

BMP 525 (Grid Ref. 058 752)

- 0.0- 1.8 CLAY: dark chocolate brown, plastic; with numerous granules
 1.8- 2.7 CLAY: red-brown, plastic; with numerous shale fragments
 { 2.7- 3.7 CLAY: light grey to light brown, plastic
 * { 3.7- 5.5 CLAY: light grey, plastic
 { 5.5- 6.4 CLAY: light grey to light brown, plastic
 6.4- 9.1 CLAY: medium brown, plastic

BMP 526 (Grid Ref. 047 792)

- 0.0- 6.4 SILTSTONE: light grey, micaceous, decomposed

BMP 527 (Grid Ref. 052 791)

- * 0.0- 5.5 SILTSTONE: light grey, micaceous, decomposed

BMP 528 (Grid Ref. 051 797)

- 0.0- 1.8 SILTSTONE: red, decomposed
 1.8- 2.7 CLAY: red-brown, plastic; numerous yellow shale fragments
 2.7- 3.7 CLAY: medium brown, micaceous, silty
 3.7- 6.4 CLAY: light grey and red, plastic; numerous shale fragments
 6.4- 8.2 CLAY: medium to dark brown, plastic
 8.2- 9.1 SILTSTONE: light grey, micaceous

BMP 529 (Grid Ref. 053 800)

- 0.0- 0.9 LOAM: silty
 0.9- 3.7 CLAY: red and grey, plastic, silty
 3.7- 5.5 SILTSTONE: light grey, micaceous, decomposed
 5.5- 7.3 SILTSTONE: red-brown, decomposed

BMP 530 (Grid Ref. 053 803)

- 0.0- 1.8 CLAY: black, plastic
 1.8- 3.7 CLAY: light grey, plastic, sandy in part

* Clay firing tests carried out, see elsewhere for results.

BMP 531 (Grid Ref. 058 813)

0.0- 5.5 SANDSTONE: yellow-brown, medium to coarse-grained

BMP 532 (Grid Ref. 054 783)

0.0- 0.9 CLAY: chocolate brown, plastic, sandy; numerous small ironstone nodules

0.9- 1.8 CLAY: red, sandy; few nodules

1.8- 2.7 CLAY: light grey to red, sandy in part; few nodules

2.7- 3.7 CLAY: light grey to light brown, plastic

3.7- 6.4 CLAY: light green to light brown, plastic (?=decomposed BASALT)

6.4- 8.2 CLAY: medium brown, plastic (?=decomposed BASALT)

8.2- 9.1 CLAY: greenish-red, whitish in part (?=decomposed BASALT)

BMP 533 (Grid Ref. 061 778)

0.0- 1.8 CLAY: medium brown, plastic

1.8- 3.7 CLAY: yellow-brown, plastic

3.7- 6.4 CLAY: dark grey, plastic

6.4- 7.3 CLAY: red; few nodules

Water intersected at 7.3 m

BMP 534 (Grid Ref. 051 773)

0.0- 0.9 LOAM: grey, sandy

0.9- 1.8 CLAY: yellow-brown, plastic

1.8- 2.7 CLAY: blue-grey to brown, plastic

2.7- 3.7 CLAY: blue-grey to red, plastic

3.7- 7.3 CLAY: red-brown, plastic

BMP 535 (Grid Ref. 053 758)

0.0- 0.9 LOAM: sandy

0.9- 4.6 CLAY: light grey-brown, plastic

4.6- 6.4 CLAY: red, plastic; numerous ironstone nodules

BMP 545 (Grid Ref. 086 770)

0.0- 1.8 SANDSTONE: light grey, coarse-grained

1.8- 3.7 SHALE: grey, carbonaceous, silty; few small pebbles

3.7- 4.6 SANDSTONE: light grey, coarse-grained

4.6- 7.3 CONGLOMERATE:

BMP 545 (cont.)

7.3- 8.2 SANDSTONE: fine-grained
Water intersected at 8.2 m

BMP 546 (Grid Ref. 085 769)

0.0- 2.7 CONGLOMERATE: hard, light brown
2.7- 3.7 SANDSTONE: light grey, medium to coarse-grained; numerous pebbles
3.7- 4.6 SANDSTONE: light grey and red, fine to medium-grained; few pebbles
4.6- 6.4 SHALE: dark grey to dark brown, soft; few pebbles; silty in part
6.4- 7.3 SILTSTONE: light grey to brown, decomposed
7.3- 8.2 CLAY: red-brown, plastic; sandy in part
8.2- 9.1 CLAY: yellow-brown, plastic; sandy (coarse-grained) downwards
Water intersected at 8.2 m

BMP 547 (Grid Ref. 056 782)

0.0- 0.9 CLAY: greenish-grey, plastic; numerous light yellow specks
0.9- 1.8 CLAY: red in part
1.8- 2.7 CLAY: purplish-red in part; few chips red sandstone
2.7- 3.7 CLAY: purplish-red; sandy (fine-grained) in part
3.7- 6.4 SANDSTONE: light grey and red, fine-grained, decomposed; micaceous

BMP 548 (Grid Ref. 128 670)

* 0.0- 3.7 MUD: dark brown to black; few shells
3.7- 5.5 SAND: medium-grained
Water intersected at 3.7 m

BMP 549 (Grid Ref. 134 670)

0.0- 0.9 MUDSTONE: black to dark brown
0.9- 2.7 SAND: brown, medium-grained, fairly clean
2.7- 7.3 SAND: black, fine-grained, muddy

BMP 550 (Grid Ref. 137 673)

0.0- 4.6 SAND: brown, medium-grained, few small shells
4.6- 5.5 MUD: black, hard
5.5- 7.3 SAND: medium to coarse-grained, muddy; numerous small shells

* Clay firing tests carried out, see elsewhere for results.

BMP 551 (Grid Ref. 136 674)

0.0- 2.7 SAND: brown, medium-grained; few shells
 2.7- 5.5 MUD: black; numerous shells
 5.5-10.1 SAND: fine-grained, muddy; numerous shells

BMP 552 (Grid Ref. 122 673)

0.0- 5.5 SAND: brown, fine-grained
 Water intersected at 1.8 m

BMP 553 (Grid Ref. 123 678)

0.0- 4.6 SAND: brown, fine-grained, muddy,
 3.7-4.6 m
 Water intersected at 1.8 m

BMP 554 (Grid Ref. 123 683)

0.0- 4.6 SAND: fine-grained, brown
 Water intersected at 1.8 m

BMP 555 (Grid Ref. 124 688)

* 0.0- 4.6 SILT: micaceous
 Water intersected at 1.8 m.

BMP 556 (Grid Ref. 126 699)

0.0- 7.3 SILT: light to dark grey
 7.3- 9.1 MUD: black; numerous large shells
 9.1-11.0 SAND: brown, medium-grained; numerous small shells
 Water intersected at 1.8 m

BMP 557 (Grid Ref. 122 709)

0.0- 4.6 SAND: dark grey to brown; fine-grained
 Water intersected at 1.8 m

BMP 558 (Grid Ref. 134 703)

0.0- 2.7 SILT: dark grey
 2.7- 4.6 SAND: fine-grained
 Water intersected at 1.8 m

BMP 559 (Grid Ref. 138 701)

0.0- 4.6 SAND: brown, fine-grained
 Water intersected at 1.8 m

* Clay firing tests carried out. See elsewhere for results.

BMP 560 (Grid Ref. 142 706)

0.0- 0.6 SOIL: dark brown, clayey
 0.6- 2.7 SAND: medium grey to brown, fine-grained
 2.7- 9.1 SAND: medium to dark grey, fine-grained;
 few small shells; muddy in part

Water intersected at 1.8 m

BMP 561 (Grid Ref. 132 709)

0.0- 4.6 SAND: dark grey, fine-grained; few
 shells

Water intersected at 1.8 m

BMP 562 (Grid Ref. 134 698)

0.0- 0.9 SILT: medium brown
 0.9- 4.6 SAND: dark grey, fine-grained passing
 into
 MUD: black

Water intersected at 1.8 m

BMP 563 (Grid Ref. 129 688)

0.0- 0.9 SAND: brown, fine-grained
 0.9- 4.6 SAND: medium grey, fine-grained

Water intersected at 1.8 m

BMP 564 (Grid Ref. 127 675)

0.0- 4.6 SAND: brown, fine-grained; medium
 grey 2.7-4.6 m

Water intersected at 1.8 m

BMP 565 (Grid Ref. 126 672)

* 0.0- 2.7 MUD: black
 2.7- 9.1 SAND: brown, fine-grained

Water intersected at 1.8 m

BMP 566 (Grid Ref. 117 705)

0.0- 1.8 SILT: brown
 1.8- 3.7 SILT: brown to black
 3.7- 4.6 MUD: black

Water intersected at 1.8 m

BMP 567 (Grid Ref. 114 698)

* 0.0- 2.7 SILT: medium grey to brown
 2.7- 4.6 SAND: brown, fine-grained

Water intersected at 1.8 m

* Clay firing tests carried out. See elsewhere for results.

BMP 568 (Grid Ref. 108 696)

0.0- 0.9 LOAM: dark brown
 0.9- 4.6 SAND: medium grey, fine-grained
 Water intersected at 1.8 m

BMP 569 (Grid Ref. 096 706)

0.0- 2.7 SAND: medium brown, fine-grained; few worm casts
 2.7- 3.7 SAND: medium grey to brown
 3.7- 6.4 SILT: grey to black
 6.4- 9.1 CLAY: grey-brown, numerous marine shells; sandy
 Water intersected at 1.8 m

BMP 570 (Grid Ref. 107 718)

0.0- 1.8 SAND: medium brown, fine-grained
 1.8- 3.7 SAND: medium grey, fine-grained; few shells
 3.7- 4.6 SAND: grey, to brown, medium-grained
 Water intersected at 1.8 m

BMP 571 (Grid Ref. 103 731)

0.0- 2.4 SAND: medium brown, fine-grained
 2.4- 4.0 SAND: medium-grey; numerous small shells
 4.0- 4.6 CLAY: blue-grey to dark grey, plastic; numerous small shells

BMP 572 (Grid Ref. 094 725)

0.0- 1.8 SOIL: red-brown, clayey
 1.8- 3.7 CLAY: red, hard; numerous ironstone and hard fine-grained sandstone nodules
 3.7- 5.5 CLAY: red and grey; few ironstone nodules

BMP 573 (Grid Ref. 091 729)

0.0- 5.5 CLAY: red, dry, hard; numerous sand grains
 5.5- 7.3 CLAY: red and grey, dry, hard, sandy
 7.3- 9.1 SANDSTONE: light grey and red; fine-grained, decomposed

BMP 574 (Grid Ref. 129 647)

0.0- 1.8 CLAY: blue-grey, plastic
 1.8- 3.7 SILT: medium brown, minor mica
 3.7- 4.6 SILT: brown to black; few shells

* Water intersected at 2.7 m

BMP 575 (Grid Ref. 131 651)

* 0.0- 4.6 MUD: black

Water intersected at 2.7 m

BMP 576 (Grid Ref. 137 653)

0.0- 2.7 MUD: medium brown

2.7- 4.6 SILT: medium grey to black; few small shells, 3.7-4.6 m

BMP 577 (Grid Ref. 144 664)

0.0- 2.7 SILT: medium brown, micaceous in part

2.7- 3.7 MUD: medium grey to black

BMP 578 (Grid Ref. 153 662)

0.0- 3.7 SANDSTONE: light grey and red, medium-grained, decomposed

BMP 579 (Grid Ref. 098 598)

0.0- 3.0 CLAY: medium brown, plastic

3.0- 3.7 SANDSTONE: yellow-brown

3.7- 4.6 CLAY: sandy

BMP 580 (Grid Ref. 099 596)

0.0- 1.8 CLAY: dark brown, plastic

1.8- 2.7 CLAY: medium grey and red, plastic

2.7- 3.7 CLAY: red, plastic

3.7- 4.6 CLAY: yellow-brown, plastic

4.6- 5.5 PHYLLITE: chlorite

Water intersected at 5.5 m

BMP 581 (Grid Ref. 101 605)

0.0- 0.9 Talus

0.9- 1.8 CLAY: dark brown, sandy

1.8- 2.7 CLAY: light grey, plastic

2.7- 3.7 CLAY: grey-green, plastic

3.7- 4.6 PHYLLITE: chlorite

BMP 582 (Grid Ref. 100 604)

0.0- 2.7 CLAY: red, dry; numerous granules, numerous quartzite pebbles below 1.0 m

2.7- 3.7 PHYLLITE: chlorite

* Clay firing tests carried out. See elsewhere for results.

BMP 583 (Grid Ref. 102 606)

- 0.0- 2.7 SANDSTONE: light grey and yellow-brown,
fine-grained, decomposed; clayey
in part, few small pebbles
- 2.7- 3.7 SANDSTONE: yellow-brown, fine-grained,
decomposed; few small pebbles
- 3.7- 7.3 SANDSTONE: light yellow, medium-grained,
decomposed; numerous small
quartzite pebbles up to 10 mm

BMP 584 (Grid Ref. 107 594)

- 0.0- 0.9 CLAY: grey to medium brown, plastic;
numerous red shaly nodules
- { 0.9- 4.6 CLAY: light grey and red, plastic;
numerous red shaly nodules
- * { 4.6- 5.5 CLAY: blue-grey and brown, plastic
- { 5.5- 7.3 CLAY: red-brown, plastic
- { 7.3- 9.1 CLAY: red, plastic; numerous small
nodules

BMP 585 (Grid Ref. 107 592)

- 0.0- 3.7 GRAVEL: red, quartzite

BMP 586 (Grid Ref. 113 588)

- 0.0- 1.8 CLAY: blue-grey, plastic
- 1.8- 3.0 CLAY: yellow-brown, plastic
- 3.0- 5.5 SAND: light grey, fine- to medium-grained,
clayey; numerous small pebbles

Water intersected at 4.0 m

BMP 587 (Grid Ref. 107 589)

- { 0.0- 2.7 CLAY: grey to brown, plastic; few sand
grains
- * { 2.7- 4.6 CLAY: light grey, plastic; few red shaly
nodules
- { 4.6- 5.5 CLAY: medium brown, plastic
- * { 5.5- 7.3 CLAY: red-brown, plastic
- { 7.3- 9.1 SHALE: medium brown; carbonaceous in part;
sandy in part

BMP 588 (Grid Ref. 099 585)

- 0.0- 2.7 TUFF: white

BMP 589 (Grid Ref. 100 586)

- 0.0- 1.8 PHYLLITE: chlorite

* Clay firing tests carried out. See elsewhere for results.

BMP 590 (Grid Ref. 102 585)

0.0- 1.8 TUFF: white

BMP 591 (Grid Ref. 103 585)

0.0- 1.8 TUFF: white, hard

BMP 592 (Grid Ref. 107 587)

0.0- 1.8 CLAY: red and brown, plastic, sandy

* { 1.8- 4.6 SHALE: light grey to light brown; fairly hard

4.6- 5.5 CLAY: light grey to light yellow, plastic

5.5- 6.4 GRAVEL: numerous small quartzite pebbles up to 20 mm

6.4- 7.3 CLAY: red, plastic (decomposed tuff)

* 7.3- 9.1 SHALE: medium to dark brown, highly carbonaceous

BMP 593 (Grid Ref. 111 584)

0.0- 3.7 PHYLLITE: chloritic; light brown, hard; few quartzitic pebbles

BMP 594 (Grid Ref. 102 587)

0.0- 3.7 CLAY: light yellow-brown; sandy, 1.8-3.7 m

3.7- 5.5 PHYLLITE: chloritic

Water intersected at 5.5 m

BMP 595 (Grid Ref. 099 597)

0.0- 4.6 CLAY: medium brown, plastic; red in part; few ironstone nodules below 1.0 m

4.6+ CLAY: red; numerous white shaly fragments (= decomposed tuff)

4.6- 5.5 SANDSTONE: light grey, fine-grained, decomposed

Water intersected at 5.5 m

BMP 838 (Grid Ref. 944 676)

0.0- 0.9 LOAM: sandy

0.9- 1.8 CLAY: grey, plastic, sandy

1.8- 2.7 CLAY: white, silty

2.7- 3.7 CLAY: light grey and brown, silty

3.7- 5.5 SAND: grey and yellow-brown, clayey

Water intersected at 5.5 m

* Clay firing tests carried out. See elsewhere for results.

BMP 839 (Grid Ref. 943 677)

0.0- 0.9 LOAM: dark grey
 0.9- 1.8 CLAY: dark grey, sandy, plastic
 1.8- 2.7 SAND: light brown, clayey
 2.7- 4.6 CLAY: light brown, sandy
 4.6- 5.5 SAND: coarse-grained, slightly clayey
 Water intersected at 5.5 m

BMP 840 (Grid Ref. 944 678)

0.0- 1.8 CLAY: light brown, sandy, plastic
 1.8- 2.7 SAND: brown, slightly clayey
 2.7- 3.7 CLAY: grey, sandy
 3.7- 4.6 SAND: light brown, clayey

BMP 841 (Grid Ref. 935 669)

0.0- 0.9 SOIL: black
 0.9- 1.8 CLAY: dark grey, plastic
 CLAY: light brown, sandy
 1.8- 2.7 SAND: light grey, dry, clayey; nodular
 { 2.7- 3.7 CLAY: light brown and light grey, sandy
 { 3.7- 5.5 CLAY: light brown, sandy
 { 5.5- 7.3 CLAY: medium grey, sandy
 7.3- 9.1 GRANITE: decomposed

BMP 842 (Grid Ref. 944 678)

* { 0.0- 1.8 CLAY: dark grey, plastic
 { 1.8- 2.7 CLAY: dark grey, sandy
 { 2.7- 3.7 CLAY: grey and brown mottled, plastic;
 sandy
 3.7- 7.3 SAND: light grey, coarse-grained, clayey
 7.3-10.1 SAND: brown, coarse-grained, clayey
 (decomposed granite)

BMP 843 (Grid Ref. 944 679)

0.0- 1.8 SAND: light brown, fine-grained
 1.8- 4.6 SAND: light brown, coarse-grained
 4.6- 6.4 CLAY: dark grey, sandy
 6.4- 7.3 SAND: coarse-grained (= decomposed
 granite)

Water intersected at 1.8 m

BMP 844 (Grid Ref. 944 680)

* 0.0- 2.7 CLAY: light brown, sandy, plastic
 2.7- 3.7 CLAY: dark grey, plastic; sandy at base
 * Clay firing tests carried out. See elsewhere for results.
 * Clay firing tests carried out. Results unsuccessful and
 not included.

BMP 844 (Cont.)

- * 3.7- 9.1 CLAY: light brown, sandy (coarse-grained)
Water intersected at 9.1 m

BMP 845 (Grid Ref. 945 681)

- 0.0- 0.9 CLAY: light brown
 { 0.9- 1.8 CLAY: light brown, sandy
 * { 1.8- 4.6 CLAY: dark grey, plastic, slightly sandy,
 3.7-4.6 m
 { 4.6- 5.5 CLAY: light grey, sandy
 * { 5.5- 8.2 CLAY: light grey, plastic; sandy
 * 8.2-12.8 CLAY: light brown, plastic; sandy
 Water intersected at 6.4 m

BMP 846 (Grid Ref. 943 682)

- 0.0- 0.9 CLAY: yellow-brown, plastic
 * 0.9- 1.8 CLAY: medium brown, plastic, sandy
 { 1.8- 3.7 CLAY: grey, plastic, sandy
 { 3.7- 5.5 CLAY: light grey, sandy; gravel at 5.2 m
 * { 5.5- 7.3 CLAY: light brown, sandy
 { 7.3- 9.1 CLAY: medium brown, plastic, sandy
 { 9.1-11.0 CLAY: light brown, sandy
 Water intersected at 9.1 m

BMP 847 (Grid Ref. 943 680)

- 0.0- 0.9 LOAM: clayey
 0.9- 4.6 CLAY: medium brown, plastic; sandy
 4.6- 5.5 CLAY: grey, sandy
 5.5-11.0 CLAY: light brown, plastic, sandy
 Water intersected at 7.3 m

BMP 848 (Grid Ref. 942 679)

- 0.0- 0.9 LOAM: clayey
 0.9- 1.8 CLAY: dark grey to brown, sandy
 1.8- 4.6 CLAY: light brown, sandy; with fragments
 of pink granite
 4.6- 5.5 GRANITE: decomposed, clayey

BMP 849 (Grid Ref. 942 679)

- 0.0- 0.9 LOAM: clayey
 0.9- 1.8 SILT:
 1.8- 2.7 CLAY: light brown, plastic
 SAND: light grey, clayey
 * Clay firing tests carried out. See elsewhere for results.

BMP 849 (Cont.)

2.7- 5.5 SAND and GRAVEL: clayey
 5.5- 6.4 CLAY: dark brown, sandy
 6.4- 7.3 CLAY: blue-grey to light brown, sandy
 7.3- 8.2 CLAY: light grey; gravelly
 8.2- 9.1 GRAVEL: light grey, clayey

Water intersected at 6.4m

BMP 850 (Grid Ref. 937 687)

0.0- 0.9 SILT
 { 0.9- 1.8 CLAY: light brown, plastic when wet, sandy
 * { 1.8- 3.7 CLAY: light brown, plastic when wet,
 gravelly
 { 3.7- 5.5 CLAY: medium brown, plastic when wet,
 gravelly
 { 5.5- 8.2 CLAY: dark grey, plastic, slightly sandy
 * { 8.2- 9.1 CLAY: dark grey and light brown, plastic;
 with few pebbles

BMP 851 (Grid Ref. 937 685)

0.0- 0.9 LOAM: dark grey
 0.9- 1.8 LOAM: black, clayey
 1.8- 3.7 SAND and GRAVEL: with light grey to light brown
 plastic, clay at base
 3.7-11.0 CLAY: light brown, sandy; with gravel;
 blue-grey plastic, sandy clay

Water intersected at 3.3 m

BMP 852 (Grid Ref. 937 683)

0.0- 2.7 LOAM: clayey
 2.7- 3.7 GRAVEL and SILT
 3.7- 4.6 CLAY: medium brown, sandy and gravelly
 4.6- 5.5 GRAVEL and CLAY

BMP 853 (Grid Ref. 936 681)

0.0- 3.7 LOAM: light brown, sandy; gravelly 1.8-
 2.7 m
 3.7- 4.3 SAND and GRAVEL: clayey

BMP 854 (Grid Ref. 936 683)

0.0- 0.9 LOAM: light brown
 { 0.9- 1.8 CLAY: light brown; sandy and gravelly
 * { 1.8- 4.6 CLAY: red to light grey, sandy; little
 gravel
 4.6+ GRANITE: hard, decomposed

* Clay firing tests carried out. See elsewhere for results.

BMP 855 (Grid Ref. 935 682)

0.0- 0.9	LOAM:	brown, clayey
* { 0.9- 1.8	CLAY:	red, plastic when wet
1.8- 2.7	CLAY:	red and grey, slightly sandy
* { 2.7- 5.5	CLAY:	light brown and grey, slightly sandy
5.5- 7.3	CLAY:	light brown, slightly sandy; with gravel
7.3-11.0	GRAVEL:	clayey

BMP 856 (Grid Ref. 932 683)

0.0- 4.6	SCHIST:	decomposed; with light grey plastic clay
4.6- 5.5	SCHIST:	hard

BMP 857 (Grid Ref. 932 682)

0.0- 1.8	SOIL:	black, gravelly
1.8- 3.7	LOAM:	dark brown, sandy; very gravelly

BMP 858 (Grid Ref. 921 686)

0.0- 1.8	SAND:	light brown; clayey, gravelly
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BMP 859 (Grid Ref. 925 682)

0.0- 1.8	LOAM:	dark brown; gravelly
1.8- 2.7	GRAVEL:	
2.7- 4.6	CLAY:	medium grey, sandy; with gravel
4.6- 5.5	SCHIST:	

BMP 860 (Grid Ref. 916 673)

* { 0.0- 1.8	LOAM:	dark brown, sandy with gravel
1.8- 6.4	CLAY:	light to medium brown, sandy
* { 6.4- 7.3	CLAY:	light grey, chloritic; few quartz pebbles

BMP 861 (Grid Ref. 916 671)

0.0- 0.9	LOAM:	medium brown, clayey
* { 0.9- 4.6	CLAY:	medium brown; sandy, pebbly
4.6- 5.5	CLAY:	light brown and blue-grey, sandy; few quartzite pebbles
5.5- 6.4	CLAY:	light grey, chloritic, gravelly
6.4- 7.3	CLAY:	sandy, chloritic

BMP 862 (Grid Ref. 920 671)

0.0- 0.9	LOAM:	black, clayey
0.9- 1.8	CLAY:	light to medium brown, chloritic
1.8- 4.6	CLAY:	light brown, sandy; gravelly
* Clay firing tests carried out.	See elsewhere for results.	

BMP 863 (Grid Ref. 921 669)

0.0- 0.9 SOIL: light brown
 0.9- 1.8 CLAY: light brown, sandy
 1.8- 2.7 CLAY: dark brown, sericitic
 2.7- 5.5 SAND and GRAVEL: light brown, clayey
 6.4- 7.3 PHYLLITE: weathered

Water intersected at 6.1 m

BMP 864 (Grid Ref. 913 672)

0.0- 0.9 LOAM: dark brown
 { 0.9- 1.8 CLAY: medium brown, sericitic
 * { 1.8- 3.7 CLAY: medium brown, sandy (fine-grained),
 sericitic; some black clay
 { 3.7- 4.6 CLAY: red-brown, sandy
 { 4.6- 9.1 CLAY: light brown, sandy

BMP 865 (Grid Ref. 914 669)

0.0- 0.9 LOAM
 0.9- 1.8 SAND and GRAVEL: hard

BMP 866 (Grid Ref. 913 669)

0.0- 0.9 LOAM
 0.9- 1.8 CLAY: dark grey, plastic, sericitic
 1.8- 2.7 CLAY: light brown, sandy; few pebbles
 2.7- 3.7 CLAY: red-brown and medium grey, sandy;
 some pebbles
 3.7- 4.6 CLAY: light brown, sandy
 4.6- 5.5 CLAY: light brown, sandy (fine-grained),
 sericitic
 5.5- 7.3 PHYLLITE: weathered

BMP 867 (Grid Ref. 909 672)

0.0- 0.9 LOAM: gravelly
 0.9- 2.7 CLAY and GRAVEL: medium brown
 2.7- 3.7 CLAY: medium brown, sandy (coarse-grained);
 gravelly
 3.7- 5.5 CLAY: black, plastic, sericitic
 5.5- 6.4 CLAY: black, non-plastic, sandy
 6.4- 8.2 CLAY: red-brown, sandy, sericitic
 8.2- 9.1 PHYLLITE

BMP 868 (Grid Ref. 928 683)

0.0- 0.9 LOAM: light brown
 0.9- 2.7 CLAY: light brown, sericitic; sandy with
 some gravel
 2.7- 3.7 SCHIST

* Clay firing tests carried out. See elsewhere for results.

BMP 869 (Grid Ref. 927 682)

0.0- 0.9	LOAM:	light brown, clayey
{ 0.9- 2.7	CLAY:	light brown and grey, sericitic; slightly sandy
* { 2.7- 4.6	CLAY:	medium grey and brown, slightly sandy
4.6 +	GRAVEL	

BMP 870 (Grid Ref. 933 668)

0.0- 0.9	LOAM:	black, sandy
0.9- 1.8	SAND:	light brown and grey, clayey
1.8- 3.7	CLAY:	black and blue, sandy
3.7- 7.3	CLAY:	dark to light brown, sandy
7.3-12.8	GRANITE:	decomposed

Water intersected at 5.5 m

BMP 871 (Grid Ref. 938 666)

0.0- 0.9	CLAY:	black and grey, plastic
{ 0.9- 2.7	CLAY:	medium brown, plastic
* { 2.7- 4.6	CLAY:	black; sandy in part
{ 4.6-12.8	CLAY:	medium grey to brown, sandy (fine- to medium-grained)

Water intersected at 4.6 m

BMP 872 (Grid Ref. 938 663)

0.0- 0.9	CLAY:	black, plastic, slightly sandy
0.9- 1.8	CLAY:	dark grey, sandy
1.8- 2.7	SAND:	light brown, clayey
2.7- 4.6	CLAY:	medium brown, very sandy
4.6- 7.3	SAND:	clayey (=decomposed granite)

Water intersected at 3.5 m

BMP 873 (Grid Ref. 938 665)

0.0- 0.9	LOAM:	black, plastic, clayey
0.9- 1.8	CLAY:	light brown and dark grey, plastic, slightly sandy
1.8- 2.7	CLAY:	medium brown, plastic, sandy (fine- grained)
2.7- 5.5	SAND:	light brown, clayey

Water intersected at 3.7 m

BMP 874 (Grid Ref. 936 665)

0.0- 0.9	LOAM:	with black, plastic clay
*(0.9- 1.8	CLAY:	grey and brown mottled, plastic, sandy

* Clay firing tests carried out. See elsewhere for results.

BMP 874 (cont.)

(1.8- 5.5 CLAY: light brown, sandy
Water intersected at 4.6 m

BMP 875 (Grid Ref. 935 664)

0.0- 0.9 LOAM: black
0.9- 2.7 SAND: dark brown, clayey
2.7- 8.2 SAND: light brown, clayey

BMP 876 (Grid Ref. 935 665)

0.0- 0.9 LOAM: black, clayey
0.9- 1.8 SAND: medium- to fine-grained, light brown
1.8-12.8 SAND: light brown, medium-grained, clayey (= decomposed granite)

BMP 877 (Grid Ref. 937 667)

0.0- 0.9 LOAM: sandy
* 0.9- 3.7 CLAY: blue-grey and light brown, plastic
3.7- 8.2 CLAY: medium brown, sandy
8.2- 9.1 CLAY: red-brown (=decomposed granite)
Water intersected at 4.6 m

BMP 878 (Grid Ref. 938 668)

0.0- 0.9 LOAM: sandy
* { 0.9- 3.7 CLAY: blue-grey and light brown, plastic;
slightly sandy
3.7- 5.5 CLAY: medium brown, plastic; slightly sandy
5.5- 6.4 CLAY: sandy

BMP 879 (Grid Ref. 925 687)

0.0- 0.9 LOAM: medium grey, sandy, clayey
0.9- 2.7 CLAY: red-brown, coarse-grained, sandy to light grey, plastic with some pebbles
2.7 + SCHIST

BMP 880 (Grid Ref. 924 685)

0.0- 1.8 LOAM: sandy, light brown
1.8- 2.7 CLAY: sandy, light brown
2.7- 3.7 CLAY: very sandy, medium brown
3.7- 5.5 SAND: clayey, red-brown

* Clay firing tests carried out. See elsewhere for results.

BMP 881 (Grid Ref. 955 682)

0.0- 0.9	LOAM:	sandy
0.9- 2.7	SAND:	medium-grained, blue-grey
2.7- 5.5	SAND:	fine- to medium-grained, light brown
5.5- 7.3	SAND:	clayey, light blue-grey and light brown
7.3- 9.1	GRANITE:	decomposed

BMP 882 (Grid Ref. 954 680)

0.0- 0.9	SOIL	
0.9- 1.8	SAND:	medium brown, clayey in part
* { 1.8- 3.7	CLAY:	dark brown, sandy
* { 3.7- 4.6	CLAY:	medium brown to dark grey, sandy
* { 4.6- 5.5	CLAY:	dark grey, very sandy
5.5- 7.3	SAND:	light grey and medium brown, clayey
7.3- 9.1	CLAY:	green-grey, sandy
9.1-11.0	CLAY:	light grey, sandy

BMP 883 (Grid Ref. 954 681)

0.0- 0.9	SILT	
0.9- 1.8	CLAY:	light to medium brown, sandy
1.8- 2.7	CLAY:	light brown, dry and hard; light grey when wet
2.7- 3.7	CLAY:	dark grey to brown, slightly sandy
3.7- 4.6	CLAY:	light to medium brown, sandy
4.6- 7.3	CLAY:	light brown, sandy
7.3- 9.1	GRANITE:	decomposed, hard

Water intersected at 7.0 m

BMP 884 (Grid Ref. 942 651)

0.0- 0.9	LOAM:	medium brown, sandy
* { 0.9- 1.8	CLAY:	blue-grey, plastic
* { 1.8- 2.7	CLAY:	medium grey, plastic, silty
* { 2.7- 4.6	CLAY:	medium brown, plastic, silty
4.6- 5.5	CLAY:	medium brown, sandy
5.5- 6.4	CLAY:	sandy
6.4- 7.3	GRANITE:	decomposed

Water intersected at 6.4 m

BMP 1011 (Grid Ref. 175 582)

0.0- 0.9	LOAM:	grey, sandy
0.9- 2.7	CLAY:	grey and red, plastic

* Clay firing tests carried out. See elsewhere for results.

BMP 1011 (cont.)

2.7- 6.4 CLAY: grey to brown, plastic
 6.4- 7.3 CLAY: light to medium grey, plastic
 7.3- 9.1 CLAY: red to brown, plastic
 9.1-15.5 CLAY: medium brown, plastic

BMP 1012 (Grid Ref. 176 584)

0.0- 4.6 CLAY: grey to brown, plastic, sandy;
 few pebbles
 4.6- 5.5 CLAY: grey and brown, sandy
 (medium-grained)
 5.5- 7.3 CLAY: light to medium brown, plastic
 7.3- 9.1 CLAY: light brown, plastic

BMP 1013 (Grid Ref. 183 584)

0.0- 8.2 CLAY: grey to brown
 8.2- 8.9 SAND: with angular quartz pebbles up to
 10 mm
 8.9- 9.1 CLAY: green to brown, plastic
 9.1-11.0 BASALT: decomposed

Water intersected at 1.8 m

BMP 1014 (Grid Ref. 179 585)

0.0- 3.7 CLAY: medium brown, plastic
 3.7- 5.5 CLAY: light grey and red, plastic
 5.5- 7.3 CLAY: medium brown, plastic
 7.3- 8.2 CLAY: medium to dark grey, plastic
 8.2-11.0 SAND: medium grey, fine-grained, clayey
 in part
 11.0-11.9 SAND and GRAVEL.
 11.9-12.8 BASALT: fairly hard

Water intersected at 7.3 m

BMP 1015 (Grid Ref. 176 587)

0.0- 6.1 CLAY: grey and medium brown, plastic
 6.1-12.8 SAND: light grey, fine-grained; numerous
 angular quartz pebbles up to 10 mm,
 clayey
 12.8-14.6 CLAY: red-brown, plastic (=decomposed
 basalt)

Water intersected at 6.1 m

BMP 1016 (Grid Ref. 177 589)

0.0- 3.7 CLAY: medium brown, plastic
 3.7- 4.6 CLAY: red-brown, plastic
 4.6- 7.3 SAND: light grey, medium-grained; coarser-
 grained

BMP 1016 (Cont.)

7.3-11.0 SAND: grey and brown, coarse-grained
 11.0-12.8 SAND: brown, coarse-grained

BMP 1017 (Grid Ref. 177 592)

0.0- 2.7 CLAY: medium brown, plastic
 2.7- 4.6 CLAY: grey to brown, plastic
 4.6-12.8 SAND: grey to brown, coarse-grained
 12.8-15.5 SAND: grey to brown, coarse-grained;
 pebbly

BMP 1018 (Grid Ref. 176 595)

0.0- 8.2 CLAY: medium brown, plastic
 8.2-11.9 SAND: grey and brown, medium-grained
 11.9-13.7 SAND: grey, clayey; few pebbles
 Water intersected at 8.5 m

BMP 1019 (Grid Ref. 180 594)

0.0- 3.7 CLAY: red-brown, plastic
 3.7- 5.5 CLAY: greenish and yellow; numerous
 soft, green clayey fragments of
 decomposed basalt
 5.5-12.8 BASALT: decomposed

BMP 1020 (Grid Ref. 178 598)

0.0- 1.8 LOAM: grey, sandy
 1.8- 7.3 CLAY: light to medium brown, plastic,
 very sandy (coarse-grained); few
 pebbles
 7.3- 9.1 CLAY: red to brown, plastic, sandy
 (coarse-grained); pebbly in part
 9.1-11.0 SANDSTONE: light, medium-grained, decomposed;
 few pebbles

BMP 1021 (Grid Ref. 179 603)

0.0- 0.9 LOAM: grey, sandy
 0.9- 4.6 CLAY: medium brown, red and light
 grey; sandy (coarse-grained), few
 pebbles
 4.6- 5.5 CLAY: light grey, sandy (medium-
 grained);
 5.5- 9.1 CLAY: red, sandy
 9.1-11.0 GRAVEL: up to 20 mm

Water intersected at 6.4 m

BMP 1022 (Grid Ref. 185 602)

0.0- 0.9	LOAM:	grey, sandy
0.9- 1.8	CLAY:	medium to dark brown, plastic
1.8- 2.7	SHALE:	light grey, hard
2.7- 3.7	SILTSTONE:	light grey, hard
3.7- 9.1	CLAY:	yellow-brown, plastic, very silty
9.1-11.9	CLAY:	medium brown, plastic
11.9-14.6	CLAY:	dark grey, plastic,
14.6-15.5	CLAY:	grey to brown, plastic

Water intersected at 15.5 m

BMP 1023 (Grid Ref. 179 606)

0.0- 0.9	GRAVEL:	red; clayey matrix
0.9- 2.7	SANDSTONE:	light grey, medium-grained; gravelly in part

BMP 1024 (Grid Ref. 186 594)

0.0- 7.3	CLAY:	brown to greenish; hard BASALT chips, reddish in part
7.3-12.8	BASALT:	decomposed
12.8-14.6	BASALT:	greenish, very hard, very calcareous in part

Water intersected at 1.8 m

BMP 1025 (Grid Ref. 189 597)

0.0- 1.8	SOIL:	red, clayey
1.8- 3.7	SHALE:	light grey, hard
3.7- 5.5	CLAY:	grey to brown, plastic
5.5- 9.1	CLAY:	medium brown, plastic

BMP 1026 (Grid Ref. 191 598)

0.0- 9.1	BASALT:	decomposed
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Water intersected at 9.1 m

BMP 1030 (Grid Ref. 169 582)

0.0- 5.5	BASALT:	decomposed
5.5- 9.1	BASALT:	decomposed; brownish clay, with numerous greenish-yellow waxy chips
9.1-11.0	BASALT:	decomposed; numerous kernels of less decomposed basalt with green waxy inclusions
11.0-12.8	BASALT:	decomposed; brown CLAY with numerous soft green fragments
12.8-15.5	BASALT:	decomposed; brown clay with numerous hard basalt fragments

BMP 1031 (Grid Ref. 166 588)

0.0- 3.7 SAND: light grey, fine-grained
 3.7- 7.3 SAND: yellow-brown, fine to medium-grained, clayey
 7.3- 9.1 CLAY: yellow-brown, sandy (medium-grained)

Water intersected at 9.1 m

BMP 1032 (Grid Ref. 165 591)

0.0- 5.5 CLAY: medium grey to brown, plastic
 5.5- 9.1 CLAY: medium brown, plastic

BMP 1033 (Grid Ref. 164 594)

0.0- 4.6 CLAY: medium brown, plastic
 4.6- 6.4 CLAY: medium grey, plastic
 6.4-11.0 CLAY: medium brown, plastic

BMP 1034 (Grid Ref. 162 600)

0.0- 2.7 LOAM: red, sandy
 2.7- 7.3 BASALT: decomposed; brown CLAY with green waxy fragments

Water intersected at 2.7 m

BMP 1035 (Grid Ref. 164 596)

0.0- 5.5 CLAY: brown, sandy (fine to medium-grained)
 5.5- 8.2 CLAY: red, sandy (fine-grained)
 8.2- 9.1 CLAY: light grey, plastic

Water intersected at 6.4 m

BMP 1036 (Grid Ref. 163 588)

0.0- 0.9 LOAM: grey, sandy
 0.9- 3.7 SANDSTONE: grey and brown, medium-grained, decomposed
 3.7- 5.5 SANDSTONE: grey and red, coarse-grained, decomposed; few pebbles
 5.5- 7.3 SANDSTONE: light grey and brown, medium-grained; less decomposed
 7.3- 9.1 CLAY: medium brown, plastic, few green waxy fragments
 9.1-11.0 CLAY: brown to greenish; soft yellow inclusion, decomposed BASALT

BMP 1037 (Grid Ref. 162 584)

0.0- 4.6 SAND: grey, medium-grained, very clayey
 4.6-11.0 CLAY: medium brown, sandy

BMP 1042 (Grid Ref. 005 741)

0.0- 2.7 CLAY: light brown, plastic,
 2.7- 4.6 SHALE: light brown, fairly hard
 4.6- 9.1 CLAY: light to medium brown, plastic

BMP 1043 (Grid Ref. 003 741)

0.0- 2.7 CLAY: light brown, plastic
 2.7- 4.6 SHALE: light brown, fairly hard
 4.6- 9.1 CLAY: light to medium brown, plastic

BMP 1044 (Grid Ref. 001 742)

0.0- 3.7 CLAY: deep red, plastic,
 3.7- 5.5 CLAY: light grey, plastic
 5.5- 7.3 CLAY: light grey and light brown, plastic
 7.3- 9.1 CLAY: medium brown, plastic

BMP 1045 (Grid Ref. 003 746)

0.0- 1.8 SOIL: red, clayey
 1.8- 4.6 CLAY: light grey and red, plastic
 4.6- 6.4 CLAY: light grey to brown, plastic
 6.4- 7.3 CLAY: medium to dark brown, plastic
 7.3- 9.1 CLAY: light to medium brown, plastic

BMP 1046 (Grid Ref. 005 751)

0.0- 2.7 SOIL: red, clayey
 2.7- 5.5 CLAY: light grey and red, plastic,
 5.5- 6.4 CLAY: red, plastic
 6.4- 7.3 CLAY: light grey, plastic

Water intersected at 7.3 m

BMP 1047 (Grid Ref. 007 751)

0.0- 1.8 SOIL: brown, clayey
 1.8- 9.1 CLAY: medium to dark brown, plastic

BMP 1048 (Grid Ref. 000 752)

0.0- 0.9 LOAM: dark red
 0.9- 2.7 CLAY: dark red, sandy
 2.7- 7.3 CLAY: light grey, plastic
 7.3- 9.1 CLAY: light grey to light brown, plastic

BMP 1049 (Grid Ref. 994 753)

0.0- 2.7 CLAY: dark brown, plastic, sandy
 2.7- 3.7 CLAY: red to brown, plastic

BMP 1049 (Cont.)

3.7- 5.5	CLAY:	light grey to light brown, plastic
5.5- 7.3	CLAY:	light grey, plastic
7.3- 9.1	CLAY:	dark brown to black, plastic

BMP 1050 (Grid Ref. 990 754)

0.0- 1.8	CLAY:	red to brown, plastic
1.8- 5.5	CLAY:	light grey, plastic
5.5- 6.4	CLAY:	light brown, plastic
6.4- 7.3	CLAY:	red to brown and grey, plastic
7.3- 8.2	CLAY:	light brown, plastic
8.2- 9.1	CLAY:	light grey, plastic

BMP 1051 (Grid Ref. 992 756)

0.0- 5.5	CLAY:	red, sandy; with angular quartz pebbles up to 10 mm at bottom
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BMP 1052 (Grid Ref. 996 762)

0.0- 2.7	SOIL:	red, clayey; few pebbles
2.7- 9.1	CLAY:	light grey and light brown, plastic

BMP 1053 (Grid Ref. 000 763)

0.0- 2.7	CLAY:	red to brown, sandy
2.7- 4.6	CLAY:	light to medium brown, plastic
4.6- 5.5	SHALE:	light grey, hard

BMP 1054 (Grid Ref. 004 766)

0.0- 0.9	CLAY:	green to brown, plastic
0.9- 9.1	CLAY:	light green, plastic

BMP 1055 (Grid Ref. 004 762)

0.0- 6.4	CLAY:	light to medium brown, plastic
6.4- 9.1	CLAY:	dark green, plastic; numerous white calcareous fragments

BMP 1056 (Grid Ref. 009 761)

0.0- 4.6	CLAY:	brown-green, plastic; numerous shale fragments
4.6- 7.3	CLAY:	medium brown, plastic; calcareous nodules up to 15 mm
7.3- 9.1	CLAY:	light to medium brown, plastic

BMP 1057 (Grid Ref. 010 756)

0.0- 0.9 CLAY: brown, plastic
 0.9- 5.5 CLAY: light green, plastic, calcareous
 5.5- 7.3 CLAY: light grey and white, calcareous

Water intersected at 7.3 m

BMP 1058 (Grid Ref. 011 752)

0.0- 5.5 CLAY: medium brown, plastic
 5.5- 7.3 CLAY: light to medium brown, plastic
 7.3- 9.1 CLAY: dark green, plastic

BMP 1059 (Grid Ref. 015 750)

0.0- 3.7 CLAY: medium brown
 3.7- 9.1 CLAY: red and brown; numerous light brown shale chips

BMP 1060 (Grid Ref. 013 752)

0.0- 0.9 CLAY: light brown, plastic
 0.9- 7.3 CLAY: yellow-brown to medium brown, plastic
 7.3- 9.1 CLAY: dark green, plastic

BMP 1061 (Grid Ref. 014 756)

0.0- 7.3 CLAY: light green, plastic, calcareous

BMP 1062 (Grid Ref. 014 758)

0.0- 0.9 CLAY: brown
 0.9- 3.7 CLAY: light green,
 3.7- 7.3 SHALE: light green, calcareous

BMP 1063 (Grid Ref. 015 763)

0.0- 7.3 CLAY: medium brown, plastic
 7.3- 9.1 CLAY: dark green, plastic

BMP 1064 (Grid Ref. 016 766)

0.0- 5.5 CLAY: light brown, plastic
 5.5- 8.2 CLAY: medium brown, plastic; dark green at bottom

BMP 1065 (Grid Ref. 018 769)

0.0- 9.1 CLAY: dark brown, plastic

BMP 1066 (Grid Ref. 022 768)

0.0- 3.7 CLAY: medium to dark brown, plastic
 3.7- 7.3 CLAY: light to medium brown, plastic
 7.3- 9.1 CLAY: dark green-blue, plastic, calcareous

BMP 1067 (Grid Ref. 025 770)

0.0- 1.8	CLAY:	dark brown, plastic,
1.8- 7.3	CLAY:	light to medium brown, plastic
7.3- 9.1	CLAY:	dark green and blue, plastic; calcareous

BMP 1068 (Grid Ref. 025 773)

0.0- 0.9	LOAM:	brown
0.9- 5.5	CLAY:	red-brown, plastic

Water intersected at 5.5 m

BMP 1069 (Grid Ref. 023 775)

0.0- 1.8	CLAY:	dark brown, plastic
1.8- 3.7	CLAY:	light grey, plastic
3.7- 9.1	CLAY:	light brown, plastic

BMP 1070 (Grid Ref. 018 776)

0.0- 0.9	LOAM:	grey, sandy
0.9- 2.7	CLAY:	light brown, plastic
2.7- 5.5	CLAY:	dark green, plastic; calcareous
5.5- 7.3	SHALE:	dark green

Water intersected at 5.5 m

BMP 1071 (Grid Ref. 016 767)

0.0- 5.5	CLAY:	dark brown, plastic
5.5- 8.2	CLAY:	medium brown, plastic
8.2- 9.1	CLAY:	dark green, plastic

BMP 1072 (Grid Ref. 030 766)

0.0- 1.8	CLAY:	dark brown, plastic
1.8- 7.3	CLAY:	medium brown, plastic
7.3- 9.1	SHALE:	dark green

Water intersected at 7.3 m

BMP 1073 (Grid Ref. 024 765)

0.0- 3.7	CLAY:	brown, plastic
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Water intersected at 3.7 m

BMP 1074 (Grid Ref. 023 762)

0.0- 5.5	CLAY:	light grey, plastic
5.5- 8.2	CLAY:	light to medium brown
8.2- 9.1	CLAY:	dark green, plastic

BMP 1075 (Grid Ref. 023 761)

0.0- 1.8 CLAY: dark brown, plastic
 1.8- 9.1 CLAY: medium brown, plastic

BMP 1076 (Grid Ref. 024 759)

0.0- 8.2 CLAY: medium brown, plastic
 8.2- 9.1 CLAY: brown to greenish, plastic
 *
 Water intersected at 7.3 m

BMP 1077 (Grid Ref. 026 758)

0.0- 1.8 CLAY: dark brown, plastic
 1.8- 2.7 CLAY: light grey to brown, plastic
 2.7- 3.7 CLAY: red-brown, plastic
 3.7- 5.5 CLAY: medium brown, plastic
 5.5- 9.1 CLAY: yellow-brown, plastic; dark green
 in part
 Water intersected at 7.3 m

BMP 1078 (Grid Ref. 031 759)

0.0- 3.7 CLAY: red-brown, plastic
 3.7- 6.4 CLAY: brown to purplish, plastic
 6.4- 9.1 CLAY: light brown, plastic

BMP 1079 (Grid Ref. 033 758)

0.0- 3.7 CLAY: light to medium brown, plastic
 3.7- 5.5 CLAY: purplish, plastic
 5.5- 7.3 CLAY: purplish-red, plastic
 Water intersected at 7.3 m

BMP 1080 (Grid Ref. 034 757)

0.0- 0.9 LOAM: grey
 0.9- 3.7 CLAY: brown, sandy
 3.7- 6.4 SAND: light grey, fine-grained, clayey
 Water intersected at 6.4 m

BMP 1081 (Grid Ref. 025 754)

0.0- 2.7 CLAY: dark brown, plastic
 2.7- 7.3 CLAY: light to medium brown, plastic
 7.3- 8.2 CLAY: dark green, calcareous
 8.2- 9.1 SHALE: dark green, calcareous

BMP 1082 (Grid Ref. 023 757)

0.0- 4.6	CLAY:	medium brown, plastic
4.6- 7.3	CLAY:	yellow-brown, plastic
7.3- 8.2	CLAY:	dark green, calcareous
8.2- 9.1	SHALE:	dark green

BMP 1083 (Grid Ref. 021 759)

0.0- 1.8	CLAY:	medium brown, plastic
1.8- 2.7	CLAY:	brown to light green, plastic
2.7- 3.7	CLAY:	light grey and red, plastic
3.7- 8.2	CLAY:	yellow-brown, plastic
8.2- 9.1	CLAY:	dark green, plastic, calcareous

BMP 1084 (Grid Ref. 022 754)

0.0- 7.3	CLAY:	light to medium brown, plastic
7.3- 9.1	CLAY:	dark green, plastic, calcareous

BMP 1085 (Grid Ref. 022 749)

0.0- 3.7	CLAY:	medium brown, plastic
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Water intersected at 3.7 m

BMP 1086 (Grid Ref. 026 748)

0.0- 2.7	GRAVEL:	brown, clayey matrix, pebbles up to 5 mm
2.7- 4.6	CLAY:	brown, sandy
4.6- 7.3	CLAY:	red, plastic, sandy

Water intersected at 7.3 m

BMP 1087 (Grid Ref. 018 748)

0.0- 2.7	SANDSTONE:	red, ferruginous, hard; coarse-grained
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BMP 1088 (Grid Ref. 017 752)

0.0- 3.7	CLAY:	red, hard
3.7- 5.5	SANDSTONE:	grey to red, fine-grained, decomposed

BMP 1089 (Grid Ref. 018 756)

0.0- 2.7	CLAY:	medium to dark brown, plastic
2.7- 4.6	CLAY:	light yellow-brown, plastic
4.6- 5.5	CLAY:	yellow-brown, plastic
5.5- 6.4	CLAY:	yellow-brown and dark green, plastic
6.4- 9.1	CLAY:	dark green, plastic, calcareous; few gypsum crystals

BMP 1090 (Grid Ref. 018 760)

0.0- 5.5	CLAY:	light grey to light brown, plastic
5.5- 7.3	CLAY:	medium brown, plastic
7.3- 8.2	CLAY:	dark brown, plastic
8.2- 9.1	CLAY:	dark green, plastic

BMP 1091 (Grid Ref. 016 760)

0.0- 4.6	CLAY:	medium brown, plastic
4.6- 9.1	CLAY:	light green, plastic, calcareous

BMP 1092 (Grid Ref. 016 771)

0.0- 1.8	CLAY:	light grey, plastic
1.8- 7.3	CLAY:	yellow-brown, plastic
7.3- 8.2	CLAY:	dark green, plastic, calcareous

BMP 1093 (Grid Ref. 017 772)

0.0- 1.8	CLAY:	brown, plastic
1.8- 9.1	CLAY:	light green, plastic, calcareous

Water intersected at 9.1 m

BMP 1094 (Grid Ref. 016 775)

0.0- 1.8	CLAY:	medium brown, plastic
1.8- 2.7	CLAY:	light green, plastic, calcareous
2.7- 5.5	SHALE:	light green

BMP 1095 (Grid Ref. 043 767)

0.0- 0.9	CLAY:	brown, plastic, sandy
0.9- 3.7	CLAY:	grey and brown, sandy
3.7- 5.5	CLAY:	medium grey, plastic
5.5- 8.2	CLAY:	medium brown, plastic
8.2- 9.1	SAND:	medium-grained, gravelly in part

Water intersected at 9.1 m

BMP 1096 (Grid Ref. 046 770)

0.0- 3.7	CLAY:	light to medium brown, plastic
3.7- 7.3	CLAY:	medium brown, plastic
7.3- 9.1	SAND:	grey, coarse-grained, angular; gravelly in part

Water intersected at 9.1 m

BMP 1097 (Grid Ref. 046 772)

0.0- 5.5 CLAY: medium brown, plastic
 5.5- 7.3 SAND: yellow-brown, medium-grained
 Water intersected at 6.4 m

BMP 1098 (Grid Ref. 046 776)

0.0- 2.7 CLAY: dark red, hard
 2.7- 7.3 CLAY: red, plastic

BMP 1099 (Grid Ref. 047 781)

0.0- 1.8 CLAY: light brown, plastic
 1.8- 3.7 CLAY: light grey to red-brown, plastic
 3.7- 5.5 CLAY: red-brown to medium brown, plastic
 5.5- 6.4 CLAY: medium brown, plastic
 6.4- 9.1 CLAY: medium grey to brown; numerous
 soft yellow shaly fragments

BMP 1100 (Grid Ref. 047 783)

0.0- 9.1 CLAY: red-brown, plastic

BMP 1101 (Grid Ref. 045 785)

0.0- 5.5 CLAY: light grey to light brown,
 plastic
 5.5- 9.1 CLAY: light brown, plastic

BMP 1102 (Grid Ref. 041 784)

0.0- 9.1 CLAY: light grey, plastic

BMP 1103 (Grid Ref. 043 781)

0.0- 1.8 SAND: grey, brown, fine to medium-
 grained
 1.8- 3.7 CLAY: medium brown, plastic
 3.7- 9.1 BASALT: decomposed

BMP 1104 (Grid Ref. 052 781)

0.0- 5.5 CLAY: red-brown, plastic
 5.5- 9.1 BASALT: decomposed
 Water intersected at 7.3 m

BMP 1105 (Grid Ref. 051 779)

0.0- 1.8 CLAY: grey-brown, plastic
 1.8- 6.4 CLAY: medium brown to red-brown, plastic
 6.4-11.0 CLAY: brown, plastic, silty
 Water intersected at 11.0 m

BMP 1106 (Grid Ref. 050 775)

0.0- 5.5 CLAY: medium brown, plastic
 Water intersected at 5.5 m

BMP 1107 (Grid Ref. 052 770)

0.0- 4.6 CLAY: medium brown, plastic
 4.6- 9.1 CLAY: red-brown, plastic

BMP 1108 (Grid Ref. 042 789)

0.0- 0.9 LOAM: sandy
 0.9- 3.7 CLAY: red, very sandy
 3.7- 7.3 SANDSTONE: light grey, fine to medium grained,
 decomposed

BMP 1109 (Grid Ref. 043 791)

0.0- 0.9 LOAM: grey, sandy
 0.9- 2.7 CLAY: red and grey, silty
 2.7- 4.6 SILTSTONE: light grey, decomposed
 4.6- 6.4 SILTSTONE: light grey and light brown
 6.4- 7.3 SILTSTONE: brown, decomposed
 7.3- 9.1 CLAY: brown, silty

BMP 1110 (Grid Ref. 043 793)

0.0- 0.9 LOAM:
 0.9- 1.8 CLAY: red, plastic
 1.8- 3.7 SILTSTONE: light grey, decomposed
 3.7- 7.3 SILTSTONE: yellow-brown, decomposed
 7.3- 9.1 CLAY: yellow-brown, plastic

BMP 1111 (Grid Ref. 020 790)

0.0- 2.7 CLAY: red-brown, plastic
 2.7- 4.6 CLAY: blue-grey, plastic
 4.6- 5.5 GRAVEL: pebbles up to 8 mm
 Water intersected at 5.5 m

BMP 1112 (Grid Ref. 016 791)

0.0- 9.1 CLAY: light brown, plastic

BMP 1113 (Grid Ref. 013 792)

0.0- 3.7 CLAY: medium brown, plastic
 3.7- 5.5 CLAY: medium to dark brown, plastic, sandy
 5.5- 7.3 CLAY: yellow-brown, plastic, sandy
 7.3- 9.1 SANDSTONE: grey to brown, fine-grained,
 decomposed

BMP 1114 (Grid Ref. 012 794)

0.0- 7.3 CLAY: medium brown, plastic
 7.3- 9.1 SAND: grey to brown, fine-grained,
 clayey

Water intersected at 9.1 m

BMP 1115 (Grid Ref. 015 796)

0.0- 5.5 CLAY: light to medium brown, plastic
 5.5- 7.3 CLAY: blue-grey, plastic

BMP 1116 (Grid Ref. 016 796)

0.0- 2.7 CLAY: brown, sandy
 2.7- 7.3 CLAY: light brown, plastic
 7.3- 9.1 GRAVEL: grey, clayey matrix

Water intersected at 9.1 m

BMP 1117 (Grid Ref. 020 797)

0.0- 4.6 CLAY: light to medium brown, plastic
 4.6- 5.5 CLAY: dark brown, plastic
 5.5- 7.3 SAND: grey, coarse-grained, gravelly

BMP 1118 (Grid Ref. 011 790)

0.0- 2.7 SAND: coarse-grained, pebbly; brown
 clayey matrix
 2.7- 3.7 CLAY: medium brown, plastic
 3.7- 5.5 CLAY: medium brown and slightly greenish,
 plastic
 5.5- 8.2 CLAY: medium green, plastic
 8.2- 9.1 SHALE: medium green, soft

BMP 1119 (Grid Ref. 011 787)

0.0- 0.9 CLAY: red, sandy
 0.9- 4.6 SAND: red, very coarse-grained
 4.6- 5.5 CLAY: light grey, plastic
 5.5- 7.3 CLAY: red, plastic
 7.3- 9.1 CLAY: brown, plastic

Water intersected at 7.3 m

BMP 1120 (Grid Ref. 009 787)

0.0- 4.6 CLAY: medium to dark brown, plastic
 4.6- 9.1 CLAY: black, plastic; numerous soft
 black shale fragments

Water intersected at 9.1 m

ESK SHIRE

ES SeriesES 1 (Grid Ref. 608 720)

0.0- 1.2 SANDSTONE: pink-grey, fine-grained; silty (5%)

Water not intersected

ES 2 (Grid Ref. 603 723)

0.0- 0.9 SANDSTONE: pink-grey, fine-grained; silty

0.9- 1.8 SANDY CLAY: red-brown, semi-plastic, weak; sandy (fine-grained)

1.8- 5.5 SANDY CLAY: yellow-brown, plastic, weak; sandy (fine-grained, 40%)

Water not intersected

ES 3 (Grid Ref. 640 668)

0.0- 0.9 SANDY LOAM: black-grey; slightly sandy (fine-grained)

0.9- 5.5 LOAMY CLAY: black-brown, plastic, weak; loamy (40%)

5.5- 6.4 LOAMY CLAY: brown, very plastic, weak; loamy (20-30%)

Water not intersected

ES 4 (Grid Ref. 626 657)

0.0- 1.5 CLAYEY SHALE: grey-brown, hard; clay (20%); common ironstone pebbles to 2 mm

1.5- 3.7 CLAY: dark grey, plastic, weak; carbonaceous; loamy (20%); common ironstone pebbles (10%) to 2 mm

Water not intersected

ES 5 (Grid Ref. 617 649)

0.0- 0.9 LOAMY CLAY: dark brown, plastic, strong; loamy

0.9- 3.7 CLAY: brown to dark brown, plastic, strong; minor ironstone pebbles

3.7- 8.5 CLAY: brown, plastic, strong; silty (10%); rare ironstone pebbles

8.5-10.1 SANDSTONE: yellow-brown, fine-grained; slightly clayey

Water not intersected

ES 6 (Grid Ref. 602 643)

- 0.0- 1.8 SANDSTONE: grey, brown, fine-grained; silty
- 1.8- 3.7 SILTY CLAY: red-brown, plastic, moderately strong; silty (25-35%)
- 3.7- 17.3 SILTY CLAY: dark brown, plastic, weak; silty (25-40%)

Water not intersected

ES 7 (Grid Ref. 646 655)

- 0.0- 0.9 SANDY LOAM: brown; sandy (fine-grained, 20%)
- 0.9- 3.7 SILTY SAND: light brown, fine-grained; silty (40%)
- 3.7- 7.3 SILTY, SANDY CLAY: dark grey-brown, plastic, weak; sandy (fine-grained, 10-20%); silty (30%)
- 7.3- 8.5 CLAYEY SAND: yellow-brown, fine to medium-grained; slightly clayey (10%); minor gravel to 10 mm

Water not intersected

ES 8 (Grid Ref. 645 652)

- 0.0- 4.6 SILTY CLAY: dark brown, plastic, weak; silty (40%)
- 4.6- 6.1 SANDY CLAY: grey-brown, plastic, weak; sandy (fine-grained, 20%)
- 6.1- 8.2 SAND: yellow-brown, fine to coarse-grained, angular; fairly graded; clayey (10-20%); sand becomes less clayey; minor gravel to 10 mm

Water intersected at 6.1 m

ES 9 (Grid Ref. 640 640)

- 0.0- 0.9 SILTY CLAY: brown, plastic, weak; silty
- * 0.9- 4.6 CLAY: grey, green-grey, plastic, strong; rare ironstone pebbles
- 4.6- 6.1 CLAY: grey, green-grey, plastic, strong; 10% calcareous pebbles to 4 mm
- 6.1- 7.3 SANDSTONE: yellow-brown, fine-grained; clayey (10%)

Water not intersected

ES 10 (Grid Ref. 632 640)

- 0.0-10.1 SILTY CLAY: dark brown, plastic, weak; silty (40%)
- 10.1-11.0 SANDSTONE: yellow-brown, fine-grained; clayey

Water not intersected

* Clay firing tests carried out, see elsewhere for results.

ES 11 (Grid Ref. 635 635)

- 0.0- 0.9 CLAYEY LOAM: black, fine-grained; clayey (20%)
- 0.9- 4.9 CLAY: grey, plastic, moderately strong; carbonaceous; slightly silty (5-10%); ironstone nodules
- 4.9- 5.5 SANDSTONE: yellow-brown, fine-grained; clayey (10%)

Water not intersected

ES 12 (Grid Ref. 618 622)

- 0.0- 0.9 SILTY CLAY: brown, plastic, weak; silty (20-30%)
- 0.9- 1.8 CLAY: dark grey, non-plastic, weak; slightly silty
- * 1.8- 5.5 CLAY: khaki, grey, plastic, moderately strong
- 5.5-10.1 SILTY CLAY: brown, plastic, weak; silty (15-25%)

Water not intersected

ES 13 (Grid Ref. 592 627)

- 0.0- 0.9 CLAY: dark grey, plastic, moderately strong; silty (15-25%)
- * 0.9- 6.4 CLAY: light grey, plastic, moderately strong; minor ironstone pebbles to 2 mm
- 6.4- 6.7 SANDSTONE: off-white, yellow-brown, fine-grained; clayey (20%)

Water not intersected

ES 14 (Grid Ref. 585 641)

- 0.0- 1.5 PEBBLY CLAY: red-brown, non-plastic, moderately strong; pebbly quartz (30%)
- 1.5- 1.8 SANDSTONE: off-white, yellow-brown, fine-grained

Water not intersected

ES 15 (Grid Ref. 590 643)

- 0.0- 0.9 CLAYEY SANDY LOAM: orange-brown, sandy (fine-grained, 10-20%); clayey (20-30%)

* Clay firing tests carried out, see elsewhere for results.

ES 15 (continued)

- 0.9- 2.7 SANDY CLAY: grey, red-brown, non-plastic, strong; sandy (fine to medium-grained, 30%)
- 2.7- 6.4 SANDY CLAY: orange-brown, plastic, weak; sandy (fine-grained, 30-40%)
- 6.4- 7.3 SANDSTONE: off-white, yellow-brown, fine-grained; clayey
- Water not intersected

ES 16 (Grid Ref. 603 652)

- 0.0- 8.2 SILTY CLAY: dark brown, plastic, weak; silty (30-40%)
- Water not intersected

ES 17 (Grid Ref. 601 697)

- 0.0- 0.9 SANDSTONE: yellow-brown, fine-grained
- Water not intersected

ES 18 (Grid Ref. 575 701)

- 0.0- 1.8 SANDSTONE: orange-brown, fine-grained; minor ironstone pebbles
- 1.8- 2.4 LATERITIC GRAVEL: gravel (40%), mainly quartz pebbles to 20 mm; sandstone (60%)
- 2.4- 2.7 SANDSTONE: off-white, orange-brown, fine-grained
- Water not intersected

ES 19 (Grid Ref. 557 697)

- 0.0- 1.2 SILTY LOAM: grey, fine-grained; silty
- 1.2- 2.7 SILTY CLAY: yellow-brown, plastic, weak; silty (40%)
- 2.7- 4.6 SANDSTONE: yellow-brown, bone, fine-grained; clayey (20%)
- Water not intersected

ES 20 (Grid Ref. 546 694)

- 0.0- 1.5 CLAYEY SANDSTONE: grey-brown, yellow-brown, fine-grained; clayey (20%)
- 1.5- 2.7 SANDSTONE: yellow-brown, fine-grained
- Water not intersected

ES 21 (Grid Ref. 534 700)

0.0- 0.9 SANDSTONE: creamy-white, fine-grained;
hard

Water not intersected

ES 22 (Grid Ref. 526 697)

0.0- 1.8 PEBBLY CLAY: grey, non-plastic, weak; silty
(40%); minor ironstone pebbles
to 20 mm

1.8- 3.7 SANDSTONE: yellow-brown, fine-grained;
clayey

Water not intersected

ES 23 (Grid Ref. 523 705)

0.0- 0.9 SILTY LOAM: grey, fine-grained; silty

0.9- 2.7 LATERITIC GRAVEL: 50% gravel to 20 mm; mainly
ironstone

2.7- 4.3 CLAY: grey, yellow-brown, plastic;
moderately strong; sandy (fine-
grained, 20%)

4.3- 4.6 SANDSTONE: yellow-brown, fine-grained;
clayey

Water not intersected

ES 24 (Grid Ref. 530 720)

0.0- 0.9 SANDY CLAY: grey, yellow-brown, non-plastic,
strong, sandy (fine-grained, 50%)

0.9- 1.2 SANDSTONE: yellow-brown, fine-grained;
hard

Water not intersected

ES 25 (Grid Ref. 536 714)

0.0- 1.8 CLAY: grey, non-plastic, weak;
silty (30%)

1.8- 2.7 CLAYEY SANDSTONE: grey, brown, fine to medium-
grained; clayey (30%)

2.7- 3.7 SANDY CLAY: grey, plastic, weak; sandy
(30-40%)

Water not intersected

ES 26 (Grid Ref. 542 712)

0.0- 2.4 SANDY CLAY: - grey-brown, plastic, weak;
sandy (fine-grained, 30-40%)

ES 26 (continued)

2.4- 3.7 SANDY CLAY: grey-brown, orange-brown, plastic, weak; sandy (fine to coarse-grained, 30-40%); minor pebbles to 3 mm

Water not intersected

ES 27 (Grid Ref. 558 705)

0.0- 1.5 CONGLOMERATE: decomposed, creamy-white, sandy (fine-grained)

Water not intersected

ES 28 (Grid Ref. 526 719)

0.0- 0.9 SANDSTONE: fine-grained; slightly clayey, quartz pebbles to 20 mm

0.9- 3.0 SANDY CLAY: orange-brown, plastic, weak; sandy (fine to medium-grained, 30%); minor quartz pebbles to 10 mm

3.0- 3.7 SANDSTONE: off-white, fine-grained; clayey (20%)

Water not intersected

ES 29 (Grid Ref. 515 723)

0.0- 1.8 SANDSTONE: creamy-brown, fine-grained

Water not intersected

ES 31 (Grid Ref. 509 728)

0.0- 1.8 SANDY CLAY: red-brown, plastic, weak; sandy (fine-grained, 30%)

Water not intersected

Water not intersected

Water not intersected

0.0- 0.9 SILTY CLAY: grey, plastic, weak; silty
(15-25%)

ES 79 (continued)

- * 0.9- 9.1 CLAY: grey, khaki, plastic, moderately strong; minor calcareous pebbles
Water not intersected

ES 80 (Grid Ref. 582 676)

- 0.0- 0.9 SILTY CLAY: brown, plastic, weak; silty (20-30%); contains humus
* 0.9- 5.8 CLAY: grey, khaki, plastic, moderately strong
5.8- 6.4 CLAYEY SANDSTONE: yellow-brown, fine-grained; clayey (20%)
Water not intersected

ES 81 (Grid Ref. 563 680)

- 0.0- 0.9 ROAD BASE:
* 0.9- 9.1 CLAY: grey, plastic, moderately strong; slightly pebbly (3 mm)
Water not intersected

ES 82 (Grid Ref. 525 674)

- 0.0- 8.2 CLAY: grey, plastic, moderately strong; slightly silty (5-10%)
8.2- 9.7 CLAYEY SANDSTONE: brown, fine-grained; clayey (10%)
Water not intersected

ES 83 (Grid Ref. 514 667)

- 0.0- 5.5 SILTY CLAY: brown, plastic, weak; silty (30-40%)
5.5- 6.4 PEBBLY, SILTY CLAY: yellow-brown, khaki, plastic, weak; silty (20-30%); pebbles to 2 mm (10%)
Water not intersected

ES 109 (Grid Ref. 520 624)

- 0.0- 3.7 SILTY CLAY: dark grey-brown, plastic, weak;
silty (30-40%)
- 3.7- 5.5 SILTY CLAY: dark brown, plastic, weak;
silty (20-30%)

Water not intersected

ES 110 (Grid Ref. 552 612)

- 0.0- 0.9 SANDY CLAY: grey-brown, plastic, weak;
sandy (fine-grained, 30%)
- 0.9- 6.4 DECOMPOSED BASALT: khaki-brown, fine-grained;
slightly clayey; minor quartz?
basalt pebbles to 4 mm throughout

Water not intersected

ES 111 (Grid Ref. 551 612)

- 0.0- 1.8 SANDY CLAY: grey, plastic, weak; sandy
(fine-grained, 30%)
- 1.8- 5.5 DECOMPOSED BASALT: yellow-brown, khaki, fine-
grained; slightly clayey (10%)

Water not intersected

ES 112 (Grid Ref. 528 594)

- 0.0- 2.7 SILTY LOAM: grey, yellow-brown, fine-grained;
silty (30%)
- 2.7- 6.4 SANDY CLAY: yellow-brown, non-plastic, weak;
sandy (fine-grained, 40-50%)

Water not intersected

ES 113 (Grid Ref. 452 961)

0.0- 0.9 LOAM: brown, fine-grained; silty
 0.9- 6.4 SILTY CLAY: grey, brown, plastic, weak;
 silty (20-30%)

Water not intersected

ES 114 (Grid Ref. 451 960)

0.0- 1.2 LOAMY CLAY: dark grey, plastic, weak;
 loamy (30%)
 1.2- 3.7 SILTY CLAY: brown, plastic, weak; silty
 (30-40%)
 3.7- 6.4 CLAY: grey, plastic, moderately
 strong; slightly silty (5-10%)
 6.4- 8.2 PEBBLY CLAY: brown, plastic, weak; pebbly
 (10-20%), pebbles to 2 mm

Water not intersected

ES 115 (Grid Ref. 455 959)

0.0- 0.9 LOAMY CLAY: dark brown, plastic, weak;
 loamy (10-20%)
 0.9- 2.7 CLAYEY SANDSTONE: yellow-brown, fine-grained;
 clayey (5-15%)

Water not intersected

ES 174 (Grid Ref. 573 692)

0.0- 1.8 SANDY CLAY: grey, non-plastic; sandy (fine
 to coarse-grained); minor
 pebbles
 1.8- 2.7 CLAYEY SAND: yellow-grey, fine to coarse-
 grained; clayey (50%); minor
 chert pebbles
 2.7- 3.7 SANDSTONE: decomposed, yellow-brown, fine
 to coarse-grained; clayey

Water not intersected

ES 175

0.0- 0.9 SILTY CLAY: grey, non-plastic; silty;
 10% ironstone pebbles
 0.9- 1.8 SILTY CLAY: yellow-grey, non-plastic,
 10-20% ironstone pebbles to 8 mm
 1.8- 5.5 SILTY CLAY: yellow-grey, non-plastic; silty;
 10% ironstone pebbles to 4 mm

Water not intersected

ESK SHIRE

EC SeriesEC 1 (Grid Ref. 639 651)

- + 0.0- 1.0 GRAVEL: 70%; 2-250 mm, average 70 mm, mainly rounded but occasional angular gravel
- CLAYEY SAND: 30%; brown, medium to coarse-grained, sub-rounded to angular, well graded; clayey (30%)
- + 1.0- 2.0 GRAVEL: 60-70%; 2-200 mm, average 70 mm, rounded to sub-angular
- CLAYEY SAND: mainly coarse-grained, sub-angular to angular, fairly graded; clayey (20%)
- + 2.0- 3.0 GRAVEL: 60%; as above
- SAND: 40%; medium to coarse-grained, sub-rounded to angular, fairly graded
- + 3.0- 5.2 GRAVEL: 60%; as above
- SAND: 40%; medium to coarse-grained, sub-rounded to angular, fairly graded; slightly clayey (10%)
- 5.2- 6.8 GRAVEL: 40%; as above
- SANDY CLAY: 60%; brown, plastic, weak; sandy (50%)
- + 6.8- 8.5 GRAVEL: 50%; 2-200 mm, average 60 mm, mainly rounded
- SAND: 50%; mainly coarse-grained; common decomposed gravel to 50 mm
- 8.5- 9.5 GRAVEL: 30%; as above
- CLAY: grey, orange, plastic, weak; (decomposed shale)

Water intersected at 1 m

MS SeriesMS 2175 (Grid Ref. 653 633)

- 0.0- 0.9 SILT: dark brown, slightly clayey, slightly sandy (fine to medium-grained); rare ironstone pebbles to 1 mm
- 0.9- 2.7 SILT: dark brown to brown, slightly clayey, slightly sandy (fine to medium-grained); some patches of grey clay
- 2.7- 5.8 SOIL: black, clayey, slightly sandy (fine-grained)
- 5.8- 9.2 SAND: brown, clayey, fine to medium-grained; rare patches of light grey decomposed rock

Water met at 8.2 m

MS 2176 (Grid Ref. 659 631)

- 0.0- 0.9 SILT: brown, slightly clayey, slightly sandy (fine-grained); rare ironstone pebbles to 1 mm; rare pebbles to 12 mm
- 0.9- 1.8 CLAY: light grey-brown to brown, semi-plastic, weak, silty, slightly sandy (fine to coarse-grained); rare ironstone pebbles to 1 mm; rare pebbles to 5 mm
- 1.8- 6.4 SILT: dark brown to brown, clayey, slightly sandy (fine to coarse-grained); rare ironstone pebbles to 1 mm; rare pebbles to 5 mm, becoming large towards bottom of interval
- 6.4- 9.2 SILT: red-brown to brown, clayey, slightly sandy (fine to coarse-grained); rare pebbles to 18 mm

Water met at 9.2 m

MS 2177 (Grid Ref. 646 621)

- 0.0- 0.9 CLAY: brown, non-plastic, strong, very silty, slightly sandy (fine-grained)
- 0.9- 4.6 CLAY: light grey-brown, plastic, very weak, very silty, slightly sandy (fine-grained)
- 4.6- 9.2 SILT: brown, very clayey, slightly sandy (fine to medium-grained); rare streaks of grey clay present

Water met at 8.2 m

MS 2178 (Grid Ref. 639 619)

- 0.0- 0.9 LOAM: red, sandy (fine to medium-grained) with lumps of black soil; rare pebbles throughout to 5 mm
- 0.9- 2.1 LOAM: black, slightly clayey, slightly sandy (fine-grained)
- 2.1- 4.6 SILT: dark brown, clayey, sandy (fine-grained) 25-30%, with patches of grey clay
- 4.6- 9.2 CLAY: grey, plastic, very weak, very silty, slightly sandy (fine to medium-grained); rare pebbles to 40 mm

Water met at 8.2 m

MS 2179 (Grid Ref. 661 596)

- 0.0- 2.7 SILT: grey-brown, clayey, slightly sandy (fine to medium-grained)
- * 2.7- 6.4 CLAY: light grey-brown to light grey, plastic, weak, slightly silty to slightly sandy (fine-grained)
- 6.4- 9.2 SAND: brown to light brown, fine-grained, clayey; patches of grey and brown decomposed rock present

Water met at 7.3 m

MS 2180 (Grid Ref. 662 587)

- 0.0- 2.7 SILT: dark brown, patches of grey-brown clay, slightly sandy (fine-grained); rare ironstone pebbles to 10 mm
- 2.7- 4.6 SAND: brown, fine to medium-grained, clayey
- 4.6- 7.9 SILT: brown, compacted, sandy (fine to medium-grained); decomposed rock
- 7.9- 9.2 SAND: light brown, fine-grained, slightly clayey; patches of grey decomposed rock

Water met at 4.6 m

MS 2181 (Grid Ref. 652 588)

- 0.0- 0.9 SILT: dark brown, very clayey, slightly sandy (fine-grained)
- 0.9- 3.9 CLAY: light brown with patches of blue-grey, plastic, weak, silty; rare pebbles to 7 mm
- 3.9- 8.2 SILT: light brown, clayey, sandy (fine-grained); rare pebbles to 20 mm
- 8.2- 9.2 SAND: fine to medium-grained, clayey; rare streaks of blue-grey clay

Water met at 6.4 m

MS 2182 (Grid Ref. 672 597)

- 0.0- 0.9 SILT: dark brown, slightly clayey, slightly sandy (fine-grained)
- * 0.9- 5.5 CLAY: dark grey to grey-brown, plastic, very weak, very silty, slightly sandy (fine-grained); rare ironstone pebbles to 1 mm

* Clay firing test. See elsewhere for results.

MS 2182 (Cont.)

- 5.5- 8.2 SILT: brown to grey-brown, clayey, slightly sandy (fine to medium-grained)
- 8.2- 9.2 SAND: medium-grained; streaks of light grey decomposed rock present

Water met at 8.3 m

MS 2189 (Grid Ref. 684 630)

- 0.0- 0.9 SILTY CLAY: dark brown; rare ironstone pebbles to 1 mm
- 1.8- 5.2 SILTY CLAY: brown to red-brown, plastic, strong; rare ironstone pebbles to 1 mm, minor amounts of fine-grained sand
- 5.2- 6.7 CLAYEY SILT: red-brown to brown; rare angular pebbles to 5 mm; dry

Water not met

MS 2190 (Grid Ref. 699 629)

- 0.0- 0.9 SANDY LOAM: dark grey, lumps of brown silt, sandy (fine-grained)
- 0.9- 2.7 CLAYEY SILT: brown to light brown, sandy (fine-grained), rare black ironstone pebbles to 1 mm
- 2.7- 3.6 CLAYEY SILT: brown, clayey, rare black ironstone pebbles to 1 mm
- 3.6- 6.7 CLAYEY SILT: light brown to brown, hard, slightly clayey, sandy (fine-grained)
- 6.7- 7.3 DECOMPOSED ROCK: brown, particles of decomposed rock, angular, crumbly
- 7.3- 9.2 CLAYEY SILT: brown, slightly moist, sandy (fine to medium-grained)

Water not met

MS 2191 (Grid Ref. 685 599)

- 0.0- 2.7 CLAYEY SILT: dark brown
- 2.7- 6.4 SILTY CLAY: brown, slightly sandy (fine-grained)
- 6.4- 9.2 SILTY CLAY: brown, very sandy (fine-grained)

Water not met

MS 2197 (Grid Ref. 709 584)

- 0.0- 0.9 CLAYEY SILT: dark brown, grey-brown, moderately plastic; minor amounts of fine-grained sand; rare pebbles to 8 mm
- 0.9- 1.5 SILTY CLAY: grey-brown, moderately plastic, moderately strong, sandy (fine to coarse-grained); rare pebbles to 45 mm
- 1.5- 2.7 SANDY CLAY: brown, slightly plastic, weak, sandy (medium to coarse-grained); angular gravel fragments to 45 mm through-

MS 2203 (Grid Ref. 703 539) 381.

0.0- 1.8 SILTY CLAY: dark grey-brown, slightly plastic, weak, silty
1.8- 3.6 SILTY CLAY: brown, moderately plastic, strong, silty
3.6- 7.0 SILTY CLAY: mid-brown, plastic, weak, very silty
7.0- 9.2 CLAYEY SILT: mid-brown, moderately plastic, very weak; minor amounts of fine-grained sand
Water not met

MS 2204 (Grid Ref. 699 585)

0.0- 0.9 SILT: dark brown, minor clay nodules
0.9- 1.8 SILTY CLAY: dark brown to black, non-plastic, weak, moderately silty
1.8- 3.6 SILTY CLAY: brown to red-brown, slightly plastic, weak, slightly to moderately silty
3.6- 5.5 SILTY CLAY: light brown, moderately plastic, weak, slightly to moderately silty (15-30%)
5.5- 7.3 LOAM: light to dark brown, some clay nodules, sandy (fine-grained)
7.3- 9.2 SILTY CLAY: light brown to brown, moderately plastic, weak, moderately silty
Water not met

MS 2205 (Grid Ref. 697 582)

0.0- 1.8 LOAM: medium to dark brown, sandy to silty, clayey
1.8- 2.7 CLAYEY LOAM: dark brown, slightly to moderately clayey, sandy (medium-grained)
2.7- 4.6 CLAYEY LOAM: dark brown to black, clayey, moist, sandy (medium-grained)
4.6- 6.4 SANDY CLAY: dark brown, slightly plastic, weak, sandy (fine to medium-grained)
6.4- 8.2 SILTY CLAY: dark brown, moderately plastic, moderately strong, slightly to moderately silty
8.2- 9.2 SILTY CLAY: light brown, non-plastic, weak, silty
Water not met

MS 2206 (Grid Ref. 706 536)

- 0.0- 1.8 CLAYEY SILT: brown to dark brown, slightly clayey
 1.8- 3.6 SILTY CLAY: dark brown to black, slightly plastic, weak, slightly to moderately silty
 3.6- 4.6 SILTY CLAY: dark brown to black, plastic, weak, slightly silty
 4.6- 6.4 SANDY CLAY: light to dark brown-grey, slightly plastic, weak, sandy (fine to medium-grained)
 6.4- 8.0 SILTY CLAY: light and dark grey, brown, non-plastic, weak, silty, slightly sandy (fine-grained); contains wood fibres

Water met at 5.5 m

MS 2207 (Grid Ref. 703 585)

- 0.0- 1.8 LOAM: red-brown to dark brown, clay nodules, sandy, silty (fine-grained)
 1.8- 3.6 SILTY CLAY: dark brown to black, non-plastic, weak, silty
 3.6- 7.3 SILTY CLAY: dark and light brown, slightly to moderately plastic, weak, moderately silty
 7.3- 9.2 LOAM: light and dark brown, fine to medium-grained, some clay nodules

Water not met

MS 2208 (Grid Ref. 692 588)

- 0.0- 0.9 CLAYEY SILT: light to dark brown, moderately clayey
 0.9- 2.7 SILTY CLAY: light brown to brown, moderately plastic, weak, moderately silty; contains 5% ironstone pebbles
 2.7- 4.6 SANDY CLAY: light brown, non-plastic, weak, sandy (fine-grained)
 4.6- 7.3 SANDY CLAY: red-brown, slightly plastic, weak, sandy (fine-grained) and silty
 7.3- 9.2 CLAYEY SAND: red-brown, fine to coarse-grained, slightly plastic, weak

Water not met

MS 2209 (Grid Ref. 696 621)

- 0.0- 0.9 CLAYEY SILT: dark brown and red-brown, clay in nodules, (non-plastic, weak); contains 5% ironstone pebbles
 0.9- 9.2 SANDY CLAY: red-brown, non-plastic, weak, sandy (fine to medium-grained)

Water not met

MS 2210 (Grid Ref. 693 622)

- 0.0- 0.9 CLAYEY SAND: yellow-brown, fine to coarse-grained; contains clay nodules (non-plastic, weak)
 0.9- 1.8 CLAYEY SAND: brown, orange, yellow, fine to coarse-grained, clayey
 1.8- 3.6 SILTY CLAY: brown, moderately plastic, moderate strength, silty; contains minor charcoal fragments, rock fragments (10 to 20 mm)

MS 2210 (Grid Ref. 693 622)
(cont.)

3.6- 9.2 SILTY CLAY: dark brown, non-plastic, weak, silty
Water not met

MS 2211 (Grid Ref. 701 620)

0.0- 0.9 CLAYEY SILT: brown, clay in nodules (non-plastic, weak)
0.9- 3.6 SILTY CLAY: brown, non-plastic, moderate strength,
silty; contains black ironstone and white
quartz pebbles
3.6- 4.6 SILTY CLAY: light brown, moderately plastic, moderate
strength, silty
4.6- 9.2 SANDY CLAY: light brown-yellow, non-plastic, weak,
sandy (silty to fine-grained)
Water not met

MS 2212 (Grid Ref. 703 617)

0.0- 0.9 LOAM: yellow-brown, sandy (fine-grained),
clayey
0.9- 4.6 CLAYEY SAND: light yellow-brown, fine to medium-grained,
moderately clayey; contains minor black
ironstone and white quartz pebbles
4.6- 9.2 SANDY CLAY: dark brown, non-plastic, weak, sandy
(fine-grained)
Water not met

MS 2213 (Grid Ref. 707 618)

0.0- 0.9 SILTY LOAM: grey-brown, slightly clayey, very silty
0.9- 1.7 CLAYEY SILT: dark grey-brown, slightly clayey
1.7- 9.2 CLAYEY SILT: brown, slightly plastic, clayey; minor
amounts of fine-grained sand
Water not met

MS 2214 (Grid Ref. 687 585)

- 0.0- 0.9 FRIABLE LOAM: grey-brown, very silty, slightly sandy (fine-grained), slightly clayey
- 0.9- 2.5 CLAYEY SILT: mid brown-grey, slightly plastic, sandy (fine-grained)
- 2.5- 6.4 CLAYEY SILT: red-brown, slightly plastic, sandy (fine-grained)
- 6.4- 9.2 SILTY CLAY: dark red-brown, moderately plastic, silty

Water not met

MS 2215 (Grid Ref. 692 592)

- 0.0- 0.9 FRIABLE LOAM: grey-brown, very silty, slightly sandy (fine-grained), slightly clayey
- 0.9- 1.8 SILTY CLAY: mid grey-brown, plastic, moderately strong, sandy (fine-grained), silty
- * 1.8- 6.4 SANDY CLAY: light red-brown, moderately plastic, moderately strong, sandy (fine-grained), silty; becomes more sandy with depth
- 6.4- 9.2 CLAYEY SAND: medium to coarse-grained, nodules of brown clay mixed with sand; rare gravel fragments

Water not met

MS 2216 (Grid Ref. 686 591)

- 0.0- 0.6 FRIABLE LOAM: grey-brown, silty, slightly clayey
- * 0.6- 3.6 SILTY CLAY: light grey-brown, semi-plastic, strong; minor amounts of medium-grained sand; rare pebbles of black ironstone to 1 mm
- 3.6- 7.3 CLAYEY SILT: mid grey-brown, clayey, slightly sandy (fine to medium-grained)

Water not met

MS 2221 (Grid Ref. 705 603)

- 0.0- 1.8 FRIABLE LOAM: light chocolate brown, very silty slightly clayey; minor amounts of fine-grained sand
- 1.8- 2.7 CLAYEY SILT: dark chocolate brown, slightly clayey, minor amounts of fine-grained sand
- 2.7- 9.2 SILTY SAND: mid grey-brown, silty to fine-grained, minor amounts of clay; rare patches of black charcoal
- 9.2-11.0 SILTY SAND: dark brown, slightly clayey, fine-grained; rare angular gravel pebbles to 4 mm

Water not met

MS 2222 (Grid Ref. 702 600)

- 0.0- 1.8 FRIABLE LOAM: brown, very silty, sandy (fine-grained); lumps of silty clay present
- 1.8- 3.6 CLAYEY LOAM: dark grey-brown, clayey, slightly sandy (fine-grained)
- 3.6- 5.2 CLAYEY SILT: dark brown, lumpy, clayey
- 5.2- 8.3 SILTY CLAY: dark chocolate brown, plastic, weak, silty
- 8.3- 9.2 CLAYEY LOAM: light chocolate brown, moist, clayey, sandy (fine-grained)

Water not met

MS 2223 (Grid Ref. 695 599)

- 0.0- 1.8 FRIABLE LOAM: brown to light red-brown, very silty, slightly clayey, slightly sandy (fine-grained)
- 1.8- 4.6 SILTY CLAY: mid red-brown, moderately plastic, strong, very silty, sandy (fine-grained)
- 4.6- 6.1 CLAYEY SILT: light red-brown, slightly plastic, sandy (fine-grained)
- 6.1- 9.2 SILTY CLAY: light red-brown, plastic, strong, silty (fine-grained)

Water not met

MS 2224 (Grid Ref. 698 601)

- 0.0- 0.9 SILTY LOAM: grey-brown, very silty, slightly clayey, slightly sandy (fine-grained)
- 0.9- 1.5 SILTY LOAM: yellow-brown, very silty, slightly clayey, slightly sandy (medium-grained)
- 1.5- 4.6 SILTY CLAY: dark yellow to orange-brown with streaks of light grey clay, moderately plastic, strong; black ironstone pebbles to 3 mm, slightly sandy (fine-grained)
- 4.6- 6.4 CLAYEY SILT: brown to light red-brown, slightly plastic, slightly sandy (fine to medium-grained)
- 6.4- 8.0 SILTY CLAY: red-brown, silty, plastic, moderately strong, slightly sandy (fine-grained)
- 8.0- 9.2 CLAYEY SILT: red-brown, clayey, minor amounts of fine-grained sand

Water not met

MS 2225 (Grid Ref. 711 611)

- 0.0- 6.4 SANDY LOAM: grey-brown to brown, sandy (fine to medium-grained), very slightly clayey; clay content increases with depth
- 6.4- 9.2 CLAYEY LOAM: dark brown, very sandy

Water not met

MS2226 (Grid Ref. 681 637)

- 0.0- 0.9 SILT: light grey, powdery, slightly clayey
- * 0.9- 9.2 SILTY CLAY: grey-green, semi-plastic, moderately strong, silty, slightly sandy (fine-grained); rare black ironstone pebbles to 3 mm

Water not met

MS2227 (Grid Ref. 683 035)

- 0.0- 0.9 CLAYEY LOAM: dark grey-brown, clayey, minor amounts of fine-grained sand
- 0.9- 2.7 CLAYEY LOAM: brown, clayey nodules, slightly sandy (fine-grained)
- 2.7- 3.6 CLAYEY SILT: light chocolate brown, clayey, slightly sandy (fine-grained)
- 3.6- 9.2 SILTY CLAY: light chocolate brown to light red-brown, moderately plastic, weak

Water not met

MS2228 (Grid Ref. 687 634)

- 0.0- 1.8 CLAYEY LOAM: dark grey-brown, slightly sandy; lumps of clayey silt present
- 1.8- 2.7 CLAYEY SILT: dark brown, lumps of dark orange clay-present (plastic & weak); minor amounts of fine-grained sand
- 2.7- 9.2 SILTY CLAY: dark chocolate brown, moderately plastic, weak, silty

Water not met

MS2229 (Grid Ref. 726 584)

- 0.0- 0.9 SANDY SOIL: dark brown, very sandy (fine to coarse-grained), very silty; rare gravel to 35 mm
- 0.9- 1.8 SILTY SAND: mid-brown, silty, very sandy (fine to medium-grained); rare gravel to 10 mm
- 1.8- 2.7 SANDY SILT: dark mid-brown, very sandy (fine to coarse-grained); gravel throughout
- 2.7- 5.5 FRIABLE LOAM: dark mid-brown, sandy (fine to medium-grained), slightly clayey; gravel throughout to 8 mm
- 5.5- 6.4 CLAYEY LOAM AND GRAVEL: dark brown, sandy (fine to coarse-grained), clayey; gravel throughout to 28 mm

Water not met

MS2230 (Grid Ref. 727 587)

- 0.0- 2.7 SANDY LOAM: dark brown, slightly clayey, very silty
- 2.7- 8.0 FRIABLE LOAM: mid-brown, very silty, sandy, slightly clayey; rare gravel to 20 mm; gravel size increases with depth
- 8.0- 9.2 SAND: fine to coarse-grained, slightly clayey; gravel to 35 mm

Water not met

BMP SeriesBMP 1121 (Grid ref. 988786)

0.0- 5.5 CLAY: medium brown, plastic, very sandy 4.5-5.5 m

5.5- 7.3 SAND: light grey and brown, fine-grained

7.3- 9.1 SAND: brown, coarse-grained

Water at 7.3 m

BMP 1122 (Grid ref. 987782)

0.0- 7.3 CLAY: medium brown, plastic

7.3- 9.1 SAND: brown, coarse-grained, gravelly (pebbles up to 24 mm)

Water at 7.3 m

BMP 1123 (Grid Ref. 986778)

0.0- 3.6 CLAY: medium brown, sandy

3.6- 5.5 SAND: brown, fine-grained, clayey

BMP 1124 (Grid ref. 991777)

* 0.0- 7.3 CLAY: medium brown, plastic

7.3- 9.1 SAND: brown and grey, coarse-grained, gravelly (pebbles up to 50 mm angular to sub-rounded)

Water at 7.3 m

BMP 1125 (Grid ref. 986775)

0.0- 3.6 CLAY: medium-dark brown, plastic

3.6- 9.1 SAND: grey and brown medium-grained gravelly (pebbles up to 50 mm)

BMP 1126 (Grid ref. 986772)

0.0- 3.6 CLAY: medium-brown, plastic

3.6- 5.5 SAND: brown, fine-grained

5.5- 7.3 CLAY: medium brown, plastic

BMP 1127 (Grid ref. 990770)

0.0- 2.7 CLAY: brown, plastic

2.7- 9.1 SAND: grey and brown, medium-coarse grained, gravelly (pebbles up to 50 mm)

Water at 5.5 m

BMP 1128 (Grid ref. 989767)

0.0- 3.6 CLAY: dark brown, plastic

Water at 3.6 m

* Clay firing tests carried out, see elsewhere for results.

BMP 1129 (Grid ref. 984767)

0.0- 2.7 CLAY: brown, plastic
 2.7- 3.6 SAND: brown, medium-coarse grained
 Water at 2.7 m

BMP 1130 (Grid ref. 984772)

0.0- 7.3 CLAY: medium brown, plastic
 7.3- 9.1 SAND: brown, fine-medium grained, few
 small pebbles

BMP 1131 (Grid ref. 979772)

0.0- 0.9 CLAY: silty
 0.9- 9.1 CLAY: medium brown, plastic

BMP 1132 (Grid ref. 978767)

0.0- 5.5 SAND: brown, fine-grained
 Water intersected

BMP 1133 (Grid ref. 974772)

* { 0.0- 1.8 CLAY: red-brown plastic
 { 1.8- 3.6 CLAY: medium brown, plastic, slightly
 { sandy
 { 3.6- 9.1 CLAY: light brown, plastic, slightly
 { sandy
 9.1-11.0 CLAY: light brown, very sandy,
 gravelly in part
 Water at 9.1 m

BMP 1134 (Grid ref. 970773)

0.0- 1.8 CLAY: brown, very sandy, few small
 angular pebbles
 1.8- 3.6 CLAY: red-brown, plastic

BMP 1135 (Grid ref. 966774)

0.0- 0.9 CLAY: silty
 0.9- 2.7 CLAY: red-brown, plastic, silty
 2.7- 4.5 CLAY: light brown, plastic, silty
 4.5- 7.3 SAND: grey, fine-grained, gravelly
 in part
 7.3- 9.1 CLAY: red-brown, very sandy

* Clay firing tests carried out, see elsewhere for results.

BMP 1136 (Grid ref. 992774)

0.0- 3.6	SANDSTONE:	red-brown, medium-coarse grained, decomposed
* { 3.6- 7.3	CLAY:	light grey-white, plastic
{ 7.3- 9.1	CLAY:	white and medium brown plastic
* { 9.1-11.0	CLAY:	medium brown, plastic
{ 11.0-12.8	CLAY:	red, plastic

BMP 1137 (Grid ref. 992768).

0.0- 1.8	SANDSTONE:	red, some conglomerate
1.8- 2.7	CLAY:	light grey and red plastic
2.7- 4.5	CLAY:	light grey and white plastic
* { 4.5- 7.3	CLAY:	red, plastic
{ 7.3- 9.1	CLAY:	medium brown, plastic

BMP 1138 (Grid ref. 991766)

0.0- 7.3	CLAY:	brown, very sandy, gravelly in part
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BMP 1139 (Grid ref. 968764)

* 0.0- 7.3	CLAY:	medium brown, plastic
7.3- 9.1	CLAY:	dark brown, plastic, numerous granules and small pebbles

BMP 1140 (Grid ref. 960761)

0.0- 0.9	CLAY:	brown, plastic
0.9- 1.8	CLAY:	blue grey and brown plastic
1.8- 4.5	CLAY:	blue grey, plastic
* { 4.5- 5.5	CLAY:	creamy white, plastic
{ 5.5- 7.3	CLAY:	medium brown, plastic
{ 7.3- 9.1	CLAY:	medium brown to red-brown plastic

BMP 1141 (Grid ref. 957763)

0.0- 3.6	CLAY:	brown, very sandy
3.6- 5.5	CLAY:	red, very sandy

BMP 1142 (Grid ref. 953766)

0.0- 5.5	CLAY:	red, very sandy, few angular pebbles at base
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* Clay firing tests carried out, see elsewhere for results.

BMP 1143 (Grid ref. 950768)

- * 0.0- 7.3 CLAY: light brown, plastic, few calcareous nodules
- 7.3- 8.2 CLAY: yellow brown, plastic
- * 8.2-13.7 CLAY: white, plastic
- 13.7-14.6 CLAY: grey-white, very sandy

BMP 1144 (Grid ref. 960775)

- * { 0.0- 1.8 CLAY: dark red-dark brown, plastic
- { 1.8- 5.5 CLAY: light grey-white, plastic
- * { 5.5- 7.3 CLAY: light red, plastic
- 7.3- 9.1 CLAY: light grey, plastic
- 9.1-11.0 CLAY: light brown, plastic

BMP 1145 (Grid ref. 960778)

- 0.0- 2.7 CLAY: medium brown, sandy, few angular pebbles
- 2.7- 3.7 CLAY: light grey, very sandy
- 3.7- 5.5 GRAVEL: grey, clayey

BMP 1146 (Grid ref. 957775)

- 0.0- 7.3 SAND: coarse-grained, gravelly in part
- 7.3- 9.1 CLAY: light grey-white, plastic

BMP 1147 (Grid ref. 952776)

- 0.0- 0.9 CLAY: red, plastic
- 0.9- 2.7 CLAY: light grey and red plastic
- * 2.7- 4.5 CLAY: red plastic
- 4.5- 5.5 CLAY: light grey-white, plastic
- 5.5- 6.4 CLAY: red, plastic
- 6.4- 7.3 CLAY: brown, very sandy
- 7.3- 9.1 CLAY: medium brown, plastic

BMP 1148 (Grid ref. 948777)

- 0.0- 2.7 CLAY: dark red-brown, very sandy
- 2.7- 7.3 CLAY: red, plastic, few angular pebbles
- 7.3- 9.1 CLAY: red and brown, plastic

BMP 1149 (Grid ref. 979776)

- 0.0- 5.5 CLAY: brown, plastic
- 5.5- 9.1 CLAY: brown, plastic, sandy, gravelly in part (pebbles up to 50 mm)

* Clay firing tests carried out, see elsewhere for results.

BMP 1150 (Grid ref. 980783)

0.0- 0.9 CLAY: silty
 0.9- 5.5 CLAY: dark brown, plastic
 5.5- 6.4 CLAY: medium brown, plastic, silty
 6.4- 9.1 SAND: coarse-grained, gravelly

BMP 1151 (Grid ref. 981789)

{ 0.0- 3.6 CLAY: dark brown, plastic
 * { 3.6- 5.5 CLAY: dark brown-blue grey, plastic
 { 5.5- 7.3 CLAY: medium brown, plastic
 7.3- 9.1 CLAY: light brown, very sandy

BMP 1152 (Grid ref. 977795)

* { 0.0- 3.6 CLAY: red brown, plastic
 { 3.6- 5.5 CLAY: light brown-yellow brown, plastic
 * { 5.5- 9.1 CLAY: light green, plastic, calcareous

BMP 1153 (Grid ref. 976783)

0.0- 6.4 CLAY: grey-brown, plastic
 6.4- 8.2 CLAY: red-brown, plastic
 8.2- 9.1 CLAY: light-medium grey, plastic

BMP 1154 (Grid ref. 971783)

0.0- 2.7 CLAY: deep red, sandy
 * 2.7- 8.2 CLAY: light grey and light red, sandy
 * { 8.2-10.1 CLAY: light red, plastic
 { 10.1-12.8 CLAY: medium brown, plastic

BMP 1155 (Grid ref. 972789)

0.0- 1.8 CLAY: red, plastic
 1.8- 3.6 CLAY: light grey-light brown, plastic
 3.6- 5.5 CLAY: light brown, plastic
 5.5- 7.3 CLAY: red, plastic
 7.3- 9.1 CLAY: red and brown, plastic

Water at 7.3 m

BMP 1156 (Grid ref. 964784)

0.0- 1.8 CLAY: dark brown, plastic
 * 1.8- 6.4 CLAY: light brown and light grey, plastic
 6.4- 9.1 CLAY: light grey, plastic

* Clay firing tests carried out, see elsewhere for results.

BMP 1157 (Grid ref. 962785)

* {	0.0- 1.8	CLAY:	red, plastic
{	1.8- 5.5	CLAY:	light grey, plastic
* {	5.5- 8.2	CLAY:	light grey-white, plastic
{	8.2- 9.1	CLAY:	light grey and light brown

BMP 1158 (Grid ref. 962781)

0.0- 6.4	SANDSTONE:	light grey and red, hard
6.4- 7.3	CONGLOMERATE:	pebbles up to 25 mm

BMP 1159 (Grid ref. 958786)

0.0- 1.8	CLAY:	brown, plastic
* 1.8- 7.3	CLAY:	light grey and white, plastic
7.3- 9.1	CLAY:	light grey-greenish, plastic
9.1-11.0	CLAY:	light brown, plastic

BMP 1160 (Grid ref. 955786)

0.0- 0.9	CLAY:	brown, plastic
* 0.9- 3.6	CLAY:	white, plastic
3.6- 5.5	CLAY:	light brown, plastic
{ 5.5- 6.4	CLAY:	red, plastic
* { 6.4- 7.3	CLAY:	red and grey, plastic
{ 7.3- 9.1	CLAY:	brown, plastic, sandy, few small pebbles

BMP 1161 (Grid ref. 952788)

0.0- 3.6	CLAY:	red and brown, sandy
3.6- 5.5	CLAY:	light grey, sandy, numerous small pebbles
5.5- 6.4	CLAY:	light grey and light brown
6.4- 8.2	CLAY:	brown, sandy, few small pebbles
8.2- 9.1	CLAY:	light grey and red, plastic

BMP 1162 (Grid ref. 949790)

0.0- 2.7	CLAY:	brown, very sandy
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BMP 1163 (Grid ref. 947792)

0.0- 2.7	CLAY:	brown, plastic
2.7- 5.5	CLAY:	light grey-white, plastic
5.5- 7.3	CLAY:	light brown, plastic
7.3- 9.1	CLAY:	medium brown, plastic, very sandy

* Clay firing tests carried out, see elsewhere for results.

BMP 1164 (Grid ref. 950794)

0.0- 2.7 CLAY: red, plastic, sandy in part
 2.7- 7.3 CLAY: pinkish red, plastic, sandy

BMP 1165 (Grid ref. 941793)

* 0.0- 6.4 CLAY: brown, plastic

BMP 1166 (Grid ref. 938789)

0.0- 3.6 CLAY: dark brown, plastic, sandy
 3.6- 5.5 CLAY: red, plastic, very sandy

BMP 1167 (Grid ref. 937784)

0.0- 5.5 CLAY: dark brown, plastic, few angular pebbles
 5.5- 6.4 GRAVEL: angular pebbles in dark brown clayey matrix

BMP 1168 (Grid ref. 936794)

0.0- 0.9 GRAVEL: angular pebbles in red clayey matrix
 0.9- 2.7 CLAY: grey-brown, numerous small angular pebbles
 2.7- 6.4 CLAY: light grey-brown, plastic
 6.4- 7.3 CLAY: red-brown, few ironstone nodules

BMP 1169 (Grid ref. 937797)

* 0.0- 3.6 CLAY: red-brown, plastic
 * { 3.6- 5.5 CLAY: light grey-white, plastic
 { 5.5- 9.1 CLAY: medium-brown, plastic

BMP 1170 (Grid ref. 938802)

0.0- 2.7 CLAY: dark brown, plastic
 * 2.7- 9.1 CLAY: medium brown, plastic

BMP 1171 (Grid ref. 938804)

0.0- 1.8 CLAY: brown, silty
 1.8- 3.6 CLAY: red, plastic, gravelly
 3.6- 5.5 CLAY: red, plastic
 5.5- 7.3 CLAY: light grey and white, plastic, very sandy
 7.3- 9.1 CLAY: red, very sandy

* Clay firing tests carried out, see elsewhere for results.

BMP 1172 (Grid ref. 939811)

0.0- 1.8	CLAY:	medium brown, plastic
1.8- 3.6	CLAY:	light grey-white, few ironstone nodules
3.6- 5.5	CLAY:	light grey-light brown plastic
5.5- 9.1	CLAY:	red, plastic, few ironstone nodules

BMP 1173 (Grid ref. 940815)

* 0.0- 7.3	CLAY:	light grey-light brown, plastic
7.3- 9.1	CLAY:	light grey-brown, sandy

BMP 1174 (Grid ref. 936814)

0.0- 3.6	CLAY:	brown, very sandy
3.6- 5.5	GRAVEL:	angular pebbles up to 24 mm in brown clayey matrix

BMP 1175 (Grid ref. 943813)

* { 0.0- 7.3	CLAY:	medium-dark brown, plastic
{ 7.3- 9.1	CLAY:	dark brown, plastic

BMP 1176 (Grid ref. 946812)

0.0- 2.7	CLAY:	red, plastic
* 2.7- 5.5	CLAY:	blue grey and red, plastic
* { 5.5- 8.2	CLAY:	yellow brown-light brown, plastic
{ 8.2-10.1	CLAY:	red-brown, plastic
* { 10.1-11.9	CLAY:	medium green, calcareous, plastic
{ 11.9-14.6	CLAY:	dark green-bluish, plastic, calcareous

BMP 1177 (Grid ref. 951811)

0.0- 0.9	CLAY:	silty
0.9- 5.5	CLAY:	red, plastic
5.5- 8.2	CLAY:	light yellow-brown, plastic
8.2- 9.1	CLAY:	dark green, calcareous

BMP 1178 (Grid ref. 955807)

* { 0.0- 8.2	CLAY:	light-medium brown, plastic
{ 8.2- 9.1	CLAY:	brown, few dark green shaly fragments
{ 9.1-14.6	CLAY:	dark green, plastic

BMP 1179 (Grid ref. 958804)

0.0- 1.8	CLAY:	red and dark brown, plastic
* { 1.8- 7.3	CLAY:	light-medium brown, plastic
{ 7.3- 9.1	CLAY:	light brown, plastic

* Clay firing tests carried out, see elsewhere for results.

BMP 1180 (Grid ref. 954802)

0.0- 0.9	CLAY:	brown
0.9- 1.8	CLAY:	red, plastic
* 1.8- 7.3	CLAY:	light grey and white, plastic
7.3- 9.1	CLAY:	red-brown, plastic, slightly sandy

BMP 1181 (Grid ref. 953800)

0.0- 0.9	CLAY:	silty
* { 0.9- 2.7	CLAY:	light grey-white
{ 2.7- 5.5	CLAY:	light grey-light brown, plastic
* 5.5- 9.1	CLAY:	medium-dark brown, plastic

BMP 1182 (Grid ref. 960802)

0.0- 0.9	CLAY:	silty
0.9- 1.8	CLAY:	red, plastic
1.8- 4.5	CLAY:	red and grey, plastic, numerous white shale fragments
* { 4.5- 9.1	CLAY:	light-medium brown fragments, plastic
{ 9.1-11.9	CLAY:	dark brown, plastic
11.9-12.8	CLAY:	dark green, plastic

BMP 1183 (Grid ref. 965804)

0.0- 0.9	CLAY:	silty
0.9- 2.7	CLAY:	red, plastic
2.7- 5.5	CLAY:	red, plastic, gravelly in part
5.5- 6.4	CLAY:	light grey-light brown, plastic
6.4- 7.3	CLAY:	red-brown, plastic
7.3-10.1	CLAY:	dark brown, plastic
10.1-11.0	CLAY:	dark green, plastic

BMP 1184 (Grid ref. 969808)

0.0- 0.9	CLAY:	silty
0.9- 7.3	CLAY:	red, very sandy and gritty
7.3- 8.2	CLAY:	light grey, plastic
8.2-11.0	CLAY:	medium brown, plastic

BMP 1185 (Grid ref. 972808)

0.0- 0.9	CLAY:	silty
0.9- 5.5	CLAY:	red, very sandy, gravelly in part

* Clay firing tests carried out, see elsewhere for results.

BMP 1186 (Grid ref. 974813)

0.0- 0.9 CLAY: silty
 0.9- 2.7 CLAY: yellow brown, very sandy
 2.7- 5.5 CLAY: yellow brown, very sandy
 5.5- 7.3 SANDSTONE: grey, fine-medium grained,
 conglomerate in part

BMP 1187 (Grid ref. 976816)

0.0- 0.9 CLAY: silty
 0.9- 2.7 CLAY: red, very sandy, gravelly in
 part with pebbles up to 12 mm

BMP 1188 (Grid ref. 972820)

0.0- 5.5 CLAY: light grey-light brown, plastic,
 few ironstone pebbles
 5.5- 7.3 CLAY: red, plastic when wet
 7.3- 9.1 CLAY: brown and yellowish, plastic
 9.1-11.0 TUFF: decomposed

BMP 1189 (Grid ref. 971821)

0.0- 0.9 CLAY: dark brown, plastic
 0.9- 3.6 TUFF: white
 3.6- 5.5 SANDSTONE: tuffaceous, decomposed

BMP 1190 (Grid ref. 967822)

* 0.0- 9.1 CLAY: light to medium brown, plastic
 9.1-11.0 GRAVEL: rounded pebbles up to 50 mm in
 brown clayey matrix

BMP 1191 (Grid ref. 958821)

0.0-11.9 CLAY: light-medium brown, plastic
 11.9-12.8 GRAVEL: sub-angular pebbles up to 25 mm

BMP 1192 (Grid ref: 955819)

0.0- 2.7 CLAY: light brown, plastic
 2.7- 4.5 CLAY: red-brown, plastic
 4.5- 6.4 CLAY: yellow brown, plastic
 6.4- 7.3 SAND: brown, medium-grained, gravelly
 in part
 7.3- 9.1 GRAVEL: numerous sub-angular pebbles
 (6-25 mm) in brown clayey
 matrix

BMP 1193 (Grid ref: 950820)

0.0- 3.6 CLAY: grey and red, plastic
 3.6- 7.3 CLAY: medium brown, plastic

* Clay firing tests carried out, see elsewhere for results.

BMP 1194 (Grid ref. 946821)

0.0- 1.8	CLAY:	silty
* { 1.8- 4.5	CLAY:	light brown-light green, plastic
{ 4.5- 5.5	CLAY:	red-brown, plastic
5.5- 6.4	CLAY:	dark brown-dark green, plastic
6.4-14.6	CLAY:	dark green, plastic

BMP 1195 (Grid ref. 942821)

0.0- 0.9	CLAY:	silty
0.9- 2.7	CLAY:	red and grey, very sandy
2.7- 5.5	GRAVEL:	angular pebbles up to 20 mm in red clayey matrix
{ 5.5- 6.4	CLAY:	medium brown, plastic
* { 6.4- 7.3	CLAY:	light grey, plastic
{ 7.3-11.0	CLAY:	deep red, plastic
11.0-12.8	CLAY:	dark green, plastic

BMP 1196 (Grid ref. 942817)

0.0- 3.6	CLAY:	medium brown, plastic
* 3.6- 9.1	CLAY:	light green, plastic, calcareous

BMP 1197 (Grid ref. 945816)

* 0.0- 5.5	CLAY:	light brown-light yellow-brown plastic
* { 5.5- 8.2	CLAY:	light brown-pinkish red, plastic
{ 8.2- 9.1	CLAY:	light brown, plastic

BMP 1198 (Grid ref. 949816)

0.0- 0.9	SILT:	light grey
0.9- 3.6	CLAY:	light grey and brown, silty
3.6- 5.5	SANDSTONE:	light grey, fine-grained, decomposed
5.5- 7.3	SANDSTONE:	grey-brown, coarse-grained, decomposed, gravelly in part

BMP 1199 (Grid ref. 957810)

0.0- 0.9	CLAY:	silty
0.9- 2.7	CLAY:	medium brown, plastic
2.7- 6.4	CLAY:	dark brown-blue grey, plastic
6.4- 9.1	CLAY:	medium brown and grey, plastic, numerous hard ironstone nodules
9.1-11.0	CLAY:	medium brown, numerous shale fragments

* Clay firing tests carried out, see elsewhere for results.

BMP 1200 (Grid ref. 962808)

* { 0.0- 5.5 CLAY: dark grey and dark brown, plastic
 5.5- 9.1 CLAY: dark brown, plastic

BMP 1201 (Grid ref. 965809)

0.0- 3.6 CLAY: red-brown, plastic
 3.6- 5.5 CLAY: red, plastic
 5.5- 7.3 CLAY: light brown, plastic
 7.3- 9.1 CLAY: medium brown, plastic

BMP 1202 (Grid ref. 932816)

0.0- 0.9 CLAY: silty
 0.9- 5.5 SANDSTONE: light grey, coarse-grained,
 conglomerate in part (pebbles up
 to 12 mm), shaly in part
 5.5- 9.1 CLAY: medium brown, plastic

BMP 1203 (Grid ref. 931817)

0.0- 4.5 GRAVEL: elongated angular quartz pebbles
 in red clayey matrix
 4.5- 6.4 SANDSTONE: light grey, medium-coarse grained,
 decomposed
 6.4- 7.3 CLAY: light grey, very sandy

BMP 1204 (Grid ref. 925823)

0.0- 1.8 CLAY: silty
 1.8- 3.6 SHALE: light grey
 3.6- 4.5 SILTSTONE: light grey
 4.5- 6.4 CLAY: red-brown, gritty in part, plastic
 6.4- 9.1 CLAY: red-brown, plastic
 9.1-12.8 CLAY: medium-brown, plastic

BMP 1205 (Grid ref. 921823)

0.0- 3.6 SILTSTONE: light grey and red
 3.6- 4.5 CLAY: light grey and brown, plastic
 4.5- 5.5 CLAY: medium brown, plastic, silty
 5.5- 7.3 CLAY: grey-brown, plastic, silty

BMP 1206 (Grid ref. 917824)

0.0- 0.9 CLAY: silty
 0.9- 1.8 CLAY: red-brown, plastic, very sandy
 1.8- 4.5 CLAY: medium brown and light grey,
 plastic, sandy
 4.5- 5.5 CLAY: light grey, silty

* Clay firing tests carried out, see elsewhere for results.

BMP 1206 (cont.)

5.5- 7.3 SANDSTONE: medium brown, medium-coarse grained,
decomposed, few small pebbles

7.3- 9.1 CLAY: medium brown, plastic, silty

BMP 1207 (Grid ref. 934828)

0.0- 3.6 GREENSTONE: decomposed

BMP 1208 (Grid ref. 935826)

* 0.0- 4.5 CLAY: red, plastic

4.5- 5.5 CLAY: red and medium brown, plastic

5.5- 7.3 CLAY: medium brown, plastic

7.3-11.0 GREENSTONE: decomposed

BMP 1209 (Grid ref. 943823)

0.0- 0.9 CLAY: silty

0.9- 3.6 GRAVEL: angular pebbles up to 12 mm in
brown clayey matrix

3.6- 5.5 CLAY: light grey, plastic, silty

5.5- 7.3 GRAVEL: angular pebbles about 6 mm

7.3- 8.2 CLAY: brown, gritty

8.2- 9.1 CLAY: red, plastic, gravelly

9.1-11.0 CLAY: light green and brown, plastic
few ironstone pebbles

BMP 1210 (Grid ref. 944824)

0.0- 0.9 CLAY: silty

0.9- 2.7 GRAVEL: small angular pebbles in brown
clayey matrix

2.7- 3.6 CLAY: dark blue-grey black, plastic

3.6- 4.5 CLAY: light grey, silty

4.5- 5.5 SILTSTONE: light grey

5.5- 6.4 SAND: light grey, fine-grained, gravelly
at bottom

6.4- 8.2 CLAY: brown, plastic, gravelly in part

8.2- 9.1 CLAY: green-brown, plastic

BMP 1211 (Grid ref. 937826)

0.0- 3.6 CLAY: medium brown and grey, plastic

3.6- 5.5 CLAY: light grey and light brown,
plastic

5.5- 7.3 CLAY: medium brown, plastic, sandy,
gravelly in part

7.3- 9.1 CLAY: medium brown, gravelly

* Clay firing tests carried out, see elsewhere for results.

BMP 1212 (Grid ref. 936827)

0.0- 3.6 CLAY: medium brown, plastic
 3.6- 4.5 GREENSTONE: hard

BMP 1213 (Grid ref. 948825)

0.0- 1.8 CLAY: dark brown, plastic, numerous
 hard pebbles
 1.8- 7.3 BASALT: decomposed
 7.3- 9.1 CLAY: light yellow-light brown, plastic
 9.1-11.0 SHALE: light yellow, plastic

BMP 1214 (Grid ref. 952825)

0.0- 0.9 SILT: grey-brown
 0.9- 3.6 CLAY: red, silty
 3.6- 4.5 GRAVEL
 4.5- 7.3 CLAY: angular pebbles (12 mm) in red
 clayey matrix
 7.3- 9.1 GRAVEL: angular pebbles (12 mm) in brown
 clayey matrix

BMP 1215 (Grid ref. 950829)

0.0- 0.9 CLAY: silty
 0.9- 1.8 CLAY: brown, plastic
 1.8- 2.7 GRAVEL: angular pebbles
 2.7- 5.5 GREENSTONE: decomposed

BMP 1216 (Grid ref. 951832)

0.0- 0.9 CLAY: silty
 0.9- 1.8 GREENSTONE: decomposed

BMP 1217 (Grid ref. 952835)

0.0- 1.8 GRAVEL: boulders up to 150 mm

BMP 1218 (Grid ref. 951835)

0.0- 0.9 GRAVEL
 0.9- 2.7 CLAY: light brown, plastic, occasional
 pebbles
 2.7- 5.5 CLAY: red-brown, plastic, numerous small
 pebbles (angular and elongate)
 5.5- 7.3 CLAY: medium brown, plastic, gravelly
 7.3- 9.1 CLAY: medium brown, plastic, gravelly
 9.1-11.0 GREENSTONE: decomposed

BMP 1219 (Grid ref. 950835)

0.0- 3.6 GREENSTONE: decomposed

BMP 1220 (Grid ref. 945836)

0.0- 1.8 GREENSTONE: decomposed

BMP 1221 (Grid ref. 935834)

0.0- 2.7 GREENSTONE: decomposed

BMP 1222 (Grid ref. 940834)

0.0- 3.6 GREENSTONE: decomposed

BMP 1223 (Grid ref. 944833)

0.0- 2.7 GREENSTONE: decomposed

BMP 1224 (Grid ref. 931832)

0.0- 0.9 CLAY: silty

0.9- 2.7 CLAY: medium brown, very sandy

2.7- 5.5 GREENSTONE: decomposed

BMP 1225 (Grid ref. 955823)

0.0- 2.7 CLAY: medium brown, plastic

2.7- 9.1 CLAY: medium brown-yellow brown, plastic

9.1-11.0 CLAY: medium brown, plastic

BMP 1226 (Grid ref. 954819)

0.0- 0.9 CLAY: silty

0.9- 3.6 CLAY: red and grey, plastic

3.6- 9.1 CLAY: medium brown, plastic

BMP 1227 (Grid ref. 975825)

0.0- 0.9 CLAY: red

0.9- 3.6 GRAVEL: angular pebbles up to 25 mm in red clayey matrix

3.6- 5.5 CLAY: light grey-light brown, plastic

5.5-11.0 CLAY: medium brown, plastic

11.0-12.8 CLAY: red-brown, plastic

12.8-14.6 CLAY: red, plastic

BMP 1228 (Grid ref. 982819)

0.0- 2.7 CLAY: red-brown, plastic

2.7- 3.6 GRAVEL: angular pebbles up to 12 mm in red clayey matrix

BMP 1229 (Grid ref. 986820)

* 0.0- 8.2 CLAY: medium to yellow-brown, plastic

8.2- 9.1 CLAY: light grey, sandy, gravelly at bottom

* Clay firing tests carried out, see elsewhere for results.

BMP 1230 (Grid ref. 990821)

0.0- 3.6 CLAY: medium yellow brown, plastic
 3.6- 4.5 CLAY: light grey-brown, plastic
 4.5- 7.3 CLAY: medium brown, plastic
 7.3- 9.1 CLAY: yellow brown-red brown, slightly sandy

BMP 1231 (Grid ref. 995821)

0.0- 5.5 CLAY: mustard brown
 5.5- 6.4 SAND: coarse-grained
 6.4- 9.1 CLAY: brown and greenish, gravelly at bottom

Water at 5.5 m

BMP 1232 (Grid ref. 995825)

0.0- 8.2 CLAY: medium brown, plastic
 8.2- 9.1 CLAY: light and medium brown, sandy

Water intersected

BMP 1233 (Grid ref. 999818)

0.0- 9.1 CLAY: medium yellow brown, plastic

Water at 7.3 m

BMP 1234 (Grid ref. 996817)

0.0- 7.3 CLAY: medium yellow brown, plastic

BMP 1235 (Grid ref. 994814)

0.0- 0.9 CLAY: silty
 0.9- 2.7 CLAY: medium brown, plastic
 2.7- 3.6 CLAY: red, gravelly
 3.6- 6.4 CLAY: medium grey, plastic
 6.4- 9.1 CLAY: medium brown, numerous pebbles

BMP 1236 (Grid ref. 992810)

0.0- 0.9 CLAY: silty
 0.9- 3.6 CLAY: red-brown, plastic
 3.6- 5.5 CLAY: grey, very sandy, gravelly in part
 5.5- 7.3 CLAY: medium brown, plastic, very sandy
 7.3- 9.1 CLAY: light-medium green

BMP 1237 (Grid ref. 992815)

0.0- 4.5 CLAY: medium brown, plastic
 4.5- 6.4 CLAY: medium yellow brown, very sandy
 6.4- 9.1 GRAVEL: pebbles up to 12 mm in light grey clayey matrix

BMP 1238 (Grid ref. 990813)

0.0- 0.9 CLAY: silty
 0.9- 3.6 CLAY: red-brown, sandy
 3.6- 5.5 GRAVEL: angular pebbles 12-25 mm

BMP 1239 (Grid ref. 989806)

0.0- 3.6 CLAY: medium brown, plastic, sandy
 3.6- 4.5 GRAVEL: pebbles up to 38 mm
 4.5- 5.5 CLAY: light-medium green, plastic
 5.5- 9.1 CLAY: medium green, plastic

BMP 1240 (Grid ref. 989803)

0.0- 2.7 CLAY: brown, plastic, very sandy
 2.7- 3.6 GRAVEL: angular pebbles up to 12 mm,
 red clayey matrix
 3.6- 4.5 CLAY: light grey, very sandy
 4.5- 6.4 GRAVEL: angular pebbles up to 12 mm,
 red clayey matrix

BMP 1241 (Grid ref. 990801)

0.0- 3.6 GRAVEL: angular and elongate pebbles
 in red clayey matrix

BMP 1242 (Grid ref. 989788)

0.0- 4.5 CLAY: medium brown, plastic
 4.5- 5.5 SAND: brown, medium-coarse grained
 5.5- 6.4 CLAY: brown, very sandy

PINE SHIRE

PS SeriesPS 1 (Grid ref. 827 924)

0.0- 0.9	SOIL:	light brown, pebbly
0.9- 1.8	CLAY:	brown, plastic, weak
1.8- 3.6	CLAY:	black-brown, plastic, weak; carbonaceous
3.6- 5.5	CLAY:	yellow, brown, plastic, weak; carbonaceous fragments; pebbly
5.5- 7.3	CLAY:	orange, plastic, weak; slightly sandy (very fine-grained); carbonaceous, 5% siltstone pebbles

PS 2 (Grid ref. 829 927)

0.0- 0.9	SOIL:	brown
	CLAY:	light brown, plastic, weak
0.9- 1.8	CLAY:	as above
1.8- 2.7	CLAY:	green, plastic, weak slightly sandy (fine-grained)
2.7- 3.6	CLAY:	light brown, greyish, plastic, weak, sandy (fine to medium-grained); 15% argillite pebbles 25 mm
3.6- 4.5	SAND:	orange, brown, medium-grained, clayey, gravel predominantly argillite
4.5- 6.4	SAND:	as above
	CLAY:	brown, plastic, moderately strong, very sandy (coarse-grained); 10% quartzite chips
		water at 3.6 m

PS 3 (Grid ref. 818 939)

0.0- 0.9	SOIL:	brown
	CLAY:	orange-brown, plastic, weak; carbonaceous
* { 0.9- 1.8	CLAY:	black, orange, plastic, weak; carbonaceous
* { 1.8- 2.7	CLAY:	dark brown, orange, plastic, weak, slightly sandy (very fine-grained); carbonaceous
2.7- 3.6	CLAY:	brown, plastic, weak
3.6- 4.5	CLAY:	brown, orange, plastic, weak; slightly carbonaceous
* 4.5- 6.4	CLAY:	brown, orange, black, light grey, plastic, weak, to moderately strong, slightly sandy (very fine-grained); carbonaceous
6.4- 8.2	CLAY:	orange-brown, light grey, plastic, moderately strong, sandy (fine-grained); carbonaceous

* Clay firing tests carried out, see elsewhere for results.

PS 4 (Grid ref. 825 919)

0.0- 0.9	SOIL:	brown
	CLAY:	brown, plastic, weak
0.9- 1.8	CLAY:	as above
1.8- 2.7	CLAY:	very dark grey, orange, plastic, weak; carbonaceous
2.7- 3.6	CLAY:	yellow, brown, plastic, weak, sandy (fine-grained); slightly carbonaceous
3.6- 4.5	CLAY:	yellow-brown, plastic, moderately strong; carbonaceous 10% calcareous chips
4.5- 5.5	CLAY:	orange, yellow, white, plastic, moderately strong; 10% calcareous material
5.5- 7.3	CLAY:	light brown, plastic, weak, slightly sandy (very fine-grained); 5% rock chips, mainly ironstone
7.3- 8.2	SAND:	orange, brown, black, medium-grained; calcareous, carbonaceous (= decomposed sandstone)

PS 5 (Grid ref. 834 925)

0.0- 0.9	CLAY:	grey, orange, brown, plastic, weak
0.9- 1.8	CLAY:	as above, carbonaceous; pebbly, mainly ironstone nodules
1.8- 2.7	CLAY:	brown, grey, plastic, weak, sandy (fine-grained); 10% pebbles
2.7- 3.6	CLAY:	brown, plastic, weak, very sandy (fine-grained)
3.6- 4.5	CLAY:	orange-brown, plastic, weak, very sandy (fine-to medium-grained)
4.5- 6.4	SAND:	orange, brown, medium-grained, clayey

Water at 4.1 m

PS 6 (Grid ref. 819 924)

0.0- 0.9	SOIL:	brown
	CLAY:	orange, plastic, weak
0.9- 1.8	CLAY:	orange-brown, light grey, plastic, weak
1.8- 2.7	CLAY:	orange-brown, plastic, weak; slightly sandy (fine-grained); carbonaceous
2.7- 3.6	CLAY:	light brown, grey, plastic, weak; 10% calcareous material
3.6- 4.5	CLAY:	brown, plastic, weak, sandy (fine-grained); 20% calcareous and carbonaceous pebbles to 12 mm

PS 7

0.0- 0.9 SOIL: brown
 0.9- 1.8 CLAY: orange, plastic, weak
 1.8- 2.7 CLAY: brown, plastic, weak
 2.7- 3.6 CLAY: orange, light grey, plastic,
 moderately strong; calcareous
 3.6- 4.5 CLAY: orange, light grey, plastic,
 moderately strong; carbonaceous,
 20% ironstone
 Water at 3.3 m

PS 8 (Grid ref. 798 918)

0.0- 0.9 SOIL: brown
 0.9- 2.7 CLAY: brown, plastic, weak, silty
 2.7- 4.5 CLAY: brown, plastic, weak, slightly sandy
 (medium-grained)
 GRAVEL: 20% of sample, mainly quartzite
 pebbles 38 mm
 Soakage 3.3 m

PS 9 (Grid ref. 794 928)

0.0- 0.9 SOIL: brown
 0.9- 2.7 SOIL: brown, slightly clayey; 30% gravel
 mainly basalt pebbles to 20 mm
 2.7- 4.5 GRAVEL: basalt pebbles 25 mm, silty

PS 10 (Grid ref. 791 934)

0.0- 1.8 SOIL: brown; 15% gravel, quartzite and
 basalt
 1.8- 2.7 SOIL: brown, slightly clayey 30% gravel
 quartzite and basalt pebbles

PS 11 (Grid ref. 784 933)

0.0- 0.9 SOIL: brown, clayey; 10% gravel, pebbles
 25 mm
 0.9- 2.7 SOIL: light brown
 GRAVEL: 40% of sample, quartzite and basalt
 pebbles 38 mm

PS 12 (Grid ref. 825 911)

0.0- 0.9 SOIL: light brown
 CLAY: orange-brown, plastic, weak; 10% iron-
 stone nodules
 0.9- 2.7 CLAY: black-brown, plastic, weak; 20% iron-
 stone nodules and calcareous material

PS 12 (cont.)

- 2.7- 4.5 CLAY: orange-brown, red-brown, brown, plastic, weak; 10% calcareous material
- 4.5- 6.4 CLAY: brown, light brown, plastic, weak, slightly sandy (fine-grained)
- 6.4- 8.2 CLAY: orange-brown, light green, blue, plastic, weak, very sandy (medium-grained); carbonaceous (= decomposed sandstone)

Soakage 7.0 m

PS 13 (Grid ref. 830 906)

- 0.0- 0.9 SOIL: brown
- * { 0.9- 2.7 CLAY: grey, orange, plastic, weak; carbonaceous, rare ironstone nodules
- { 2.7- 4.5 CLAY: light brown, plastic, weak, slightly sandy (very fine-grained)
- 4.5- 6.4 CLAY: as above
- 6.4- 7.3 CLAY: as above
- SAND: cream, light grey, coarse-grained, slightly clayey
- 7.3- 8.2 SAND: as above

PS 14 (Grid ref. 836 902)

- 0.0- 0.9 SOIL: brown, clayey
- 0.9- 2.7 SAND: brown, medium-grained, slightly clayey 10% gravel
- 2.7- 4.5 SAND: as above
- GRAVEL: mainly quartzite pebbles 20 mm

PS 15 (Grid ref. 832 896)

- 0.0- 0.9 SOIL: brown, loamy
- 0.9- 2.7 SAND: dark brown, medium-grained, slightly clayey
- GRAVEL: 30% of sample mainly quartzite pebbles 90 mm
- 2.7- 4.5 GRAVEL: as above, sandy

PS 16 (Grid ref. 825 855)

- 0.0- 0.9 SOIL: brown
- 0.9- 2.7 SOIL: brown, slightly clayey
- GRAVEL: mainly basalt and quartzite, pebbles 38 mm

* Clay firing tests carried out, see elsewhere for results.

PS 17 (Grid ref. 820 858)

0.0- 0.9 SOIL: brown
 0.9- 1.8 CLAY: dark brown, plastic, weak, slightly sandy (fine-grained)
 1.8- 2.7 SAND: brown, medium-grained, clayey; rare quartzite pebbles 20 mm
 2.7- 3.6 SAND: brown, medium to coarse-grained, slightly clayey
 GRAVEL: 30% of sample, mainly quartzite pebbles 25 mm

PS 18 (Grid ref. 832 858)

0.0- 0.9 SOIL: dark brown; 5% quartzite chips and pebbles to 25 mm
 0.9- 1.8 CLAY: dark brown, plastic, weak, silty; pebbly
 1.8- 2.7 CLAY: brown, plastic, weak; 5% quartzite chips
 2.7- 3.6 CLAY: as above
 GRAVEL: 15% of sample pebbles to 25 mm
 Water at 2.7 m

PS 19 (Grid ref. 837 859)

0.0- 0.9 SOIL: dark brown; 15% quartzite and phyllite chips to 25 mm
 0.9- 1.8 CLAY: dark brown, plastic, weak, sandy (fine to medium-grained); some carbonaceous material
 1.8- 2.7 CLAY: as above
 GRAVEL: 15% of sample pebbles to 25 mm

PS 20 (Grid ref. 843 859)

0.0- 0.9 SOIL: dark brown, 5% quartzite pebbles and chips to 25 mm
 0.9- 2.4 CLAY: dark brown, plastic, weak, sandy (medium-grained)
 GRAVEL: 10% of sample, mainly quartzite pebbles 75 mm

PS 21 (Grid ref. 850 856)

0.0- 0.9 SOIL: dark brown; 5% quartzite chips to 12 mm
 0.9- 2.7 CLAY: dark brown, plastic, weak, sandy (fine to coarse-grained)
 GRAVEL: 30% of sample, cobbles and pebbles to 75 mm (mainly quartzose)

PS 22 (Grid ref. 854 850)

0.0- 0.9 SOIL: dark brown, sandy (fine to medium-grained): carbonaceous
 0.9- 2.7 CLAY: brown, plastic, weak, sandy (fine to medium-grained)
 GRAVEL: 10% of sample cobbles and pebbles to 75 mm

PS 23 (Grid ref. 838 814)

0.0- 0.9 SOIL: brown, clayey; some gravel chips
 0.9- 2.7 CLAY: light brown to brown plastic, weak; 10% rock fragments quartzose and schist
 2.7- 3.6 CLAY: dark brown, plastic, weak; sandy (medium-grained)
 3.6- 4.5 CLAY: light brown-brown, plastic, weak, sandy (medium to coarse-grained)
 GRAVEL: 5% of sample pebbles to 12 mm

PS 24 (Grid ref. 841 808)

0.0- 0.9 SOIL: brown-grey, clayey
 0.9- 1.8 CLAY: dark brown-grey, plastic, moderately strong, slightly sandy (fine to medium-grained)
 1.8- 4.5 CLAY: orange-brown, plastic, weak, very sandy (medium-grained); altered sandstone

PS 25 (Grid ref. 829 808)

0.0- 0.9 SOIL: brown-dark brown, clayey; pebbly
 0.9- 2.7 CLAY: brown, plastic, weak, sandy (fine-grained)
 GRAVEL: 15% of sample pebbles to 25 mm greenstone, quartzite
 2.7- 4.5 CLAY: as above
 GRAVEL: 5% of sample

PS 26 (Grid ref. 823 802)

0.0- 0.9 SOIL: orange-brown, clayey; pebbly
 0.9- 1.8 CLAY: red-brown to grey, plastic, weak, very sandy (fine to medium-grained)
 1.8- 2.7 CLAY: brown, plastic, weak, sandy (fine to medium-grained)

PS 27 (Grid ref. 845 800)

- 0.0- 0.9 SOIL: brown, slightly clayey
- * 0.9- 1.8 CLAY: black, plastic, moderately strong, slightly sandy (fine to medium-grained)
- 1.8- 2.7 CLAY: grey to dark grey, plastic, weak, very sandy (medium to coarse-grained)
- 2.7- 4.5 SAND: brown to grey, medium grained, very clayey

Water at 4.2 m

PS 28 (Grid ref. 838 790)

- 0.0- 0.9 SOIL: brown to grey, clayey; pebbly
- 0.9- 1.8 CLAY: dark brown to red, plastic, weak, sandy (medium-grained); minor pebbles of granite to 12 mm
- 1.8- 2.7 CLAY: brown, plastic, weak, very sandy (medium-grained); micaceous (= altered granite)

Water at 3.6 m

PS 29 (Grid ref. 831 792)

- 0.0- 0.9 SOIL: brown-grey, mottled, sandy, clayey
- 0.9- 2.7 CLAY: blue grey, plastic, strong, slightly sandy
- 2.7- 4.5 CLAY: brown, plastic, moderately strong, sandy (fine to medium-grained)

PS 30 (Grid ref. 865 770)

- 0.0- 0.9 SOIL: dark brown; pebbly
- 0.9- 2.7 CLAY: brown, plastic, weak
- CLAY: dark brown as above, sandy (medium grained); 30% pebbles, granite to 25 mm

PS 31 (Grid ref. 869 773)

- 0.0- 0.9 SOIL: dark brown; 40% quartzite pebbles 25 mm
- 0.9- 2.7 CLAY: red, slightly plastic, weak; 20% quartzite pebbles 25 mm
- CLAY: light orange, as above
- GRAVEL: 40% of sample quartzite pebbles 38 mm

PS 32 (Grid ref. 847 763)

- 0.0- 0.9 SOIL: light brown; pebbly
- CLAY: brown, slightly plastic, weak; 5% quartzite chips

* Clay firing tests carried out, see elsewhere for results.

PS 32 (cont.)

- 0.9- 1.8 CLAY: brown, orange, yellow, plastic, weak;
10% quartzite pebbles 20 mm
- 1.8- 2.7 CLAY: cream, yellow, white, plastic, weak;
20% quartzite chips; nodules of
decomposed sandstone

PS 33 (Grid ref. 840 762)

- 0.0- 0.9 SOIL: reddish brown, clayey
SOIL: dark brown; pebbly
- 0.9- 1.8 CLAY: dark brown, plastic, weak; 20% granite
pebbles
- 1.8- 2.7 GRAVEL: 30% of sample mainly granite; pebbles
to 25 mm, clayey

PS 34 (Grid ref. 857 767)

- 0.0- 0.9 SOIL: brown; pebbly
- 0.9- 1.8 CLAY: dark brown, plastic, weak
- 1.8- 2.7 CLAY: as above; 20% quartzite chips and
decomposed granite
- 2.7- 3.6 GRAVEL: as above

PS 35 (Grid ref. 883 758)

- 0.0- 0.9 SOIL: reddish
- 0.9- 1.8 CLAY: dark brownish grey, plastic, weak;
gravelly
- 1.8- 2.7 GRAVEL: pebbles 25 mm, sandy and slightly
clayey

PS 36 (Grid ref. 882 739)

- 0.0- 0.9 SOIL: dark brown, sandy
- 0.9- 4.5 CLAY: dark brown, plastic, weak, sandy
(fine-grained)
- 4.5- 6.4 CLAY: brown, plastic, weak
SAND: light brown, medium-grained, clayey
flows

PS 37 (Grid ref. 885 742)

- 0.0- 0.9 LOAM: black, sandy
- 0.9- 1.8 SOIL: black-brown, sandy (fine to medium-
grained); 10% quartzite chips
- 1.8- 2.7 SAND: yellow, medium-grained
- 2.7- 4.5 SAND: dark brown, grey, medium to coarse-
grained
- GRAVEL: creek gravel, smooth pebbles to 75 mm

PS 38 (Grid ref. 893 746)

0.0- 0.9 SOIL: dark brown, loamy
 0.9- 2.7 LOAM: brown, light brown, sandy
 2.7- 3.6 CLAY: brown, plastic, weak, very sandy
 (fine-grained)
 3.6- 4.5 SAND: yellow, light brown, fine to medium-
 grained, clayey
 4.5- 5.5 SAND: as above
 GRAVEL:

Water at 4.8 m

PS 39 (Grid ref. 899 743)

0.0- 0.9 LOAM: brown, sandy
 0.9- 1.8 LOAM: dark brown, very sandy (fine-grained)
 1.8- 2.7 SAND: dark brown, yellow, fine to medium-
 grained, loamy; 10% creek gravel,
 pebbles to 20 mm
 2.7- 4.5 SAND: dark brown, medium-grained
 GRAVEL: 40% of sample smooth creek pebbles to
 75 mm

Water at 4.5 m

PS 40 (Grid Ref. 890 739)

0.0- 0.9 SOIL: brown; pebbly
 0.9- 2.7 SOIL: brown, clayey
 GRAVEL: 40% of samples to 50 mm

PS 41 (Grid ref. 882 732)

0.0- 0.9 CLAY: grey, brown, orange, plastic, weak
 0.9- 1.8 CLAY: brown, slightly plastic, weak, sandy
 (fine-grained)
 1.8- 2.7 CLAY: red-brown, plastic, weak, sandy
 (medium-grained)
 2.7- 3.6 CLAY: orange-brown, plastic, weak, very
 sandy (medium to coarse-grained);
 20% gravel mainly 20 mm quartzite
 chips
 3.6- 4.5 CLAY: light brown, orange as above
 GRAVEL: creek, pebbles to 75 mm sandy

PS 42 (Grid ref. 876 730)

0.0- 0.9 SOIL: brown
 0.9- 1.8 CLAY: brown, plastic, weak, slightly sandy
 (fine to medium-grained)

PS 42 (cont.)

- 1.8- 2.7 CLAY: light brown-orange, plastic, weak, sandy (medium-grained)
- 2.7- 4.5 CLAY: khaki, red-brown, plastic, weak, slightly sandy (medium-grained)
- GRAVEL: 10% of sample, granite pebbles and decomposed in part

PS 43 (Grid ref. 874 728)

- 0.0- 0.9 SOIL: reddish brown
- 0.9- 1.8 CLAY: reddish brown, plastic, weak, sandy (fine to medium-grained)
- 1.8- 2.7 CLAY: as above, very sandy (medium to coarse-grained)
- GRAVEL: 30% of sample, pebbles to 25 mm
- Water at 2.4 m

PS 44 (Grid ref. 885 727)

- 0.0- 0.9 SOIL: light brown, orange, loamy; carbonaceous
- 0.9- 1.8 CLAY: orange-brown, slightly plastic, weak, sandy (medium-grained)
- 1.8- 2.7 CLAY: brown, orange, plastic, weak, sandy (medium-grained); carbonaceous and 5% sandstone pebbles
- 2.7- 4.5 CLAY: brown, yellow-brown, plastic, weak, very sandy (medium-grained)
- GRAVEL: 20% of sample, mainly 25 mm quartzite pebbles

PS 45 (Grid ref. 882 735)

- 0.0- 0.9 SAND: brown, silty, fine-grained
- 0.9- 1.8 SAND: dark brown, fine-grained
- GRAVEL: 30% of sample smooth creek pebbles to 75 mm

PS 46 (Grid ref. 889 723)

- 0.0- 0.9 SOIL: black
- CLAY: black, orange, plastic, weak
- 0.9- 2.7 CLAY: chocolate brown, plastic, weak
- 2.7- 4.5 CLAY: orange, plastic, weak, very sandy (coarse-grained); 20% quartzite granules

PS 47 (Grid ref. 891 717)

- 0.0- 0.9 LOAM: light orange-brown, sandy (very fine-grained)
- 0.9- 1.8 CLAY: brown, plastic, weak, sandy (medium-grained); 5% gravel mainly quartzite chips

PS 47 (cont.)

1.8- 2.7 SAND: light brown, coarse-grained
 2.7- 4.5 SAND: brown as above, clayey
 GRAVEL: 25% of sample pebbles to 75 mm

PS 48 (Grid ref. 893 701)

0.0- 1.8 LOAM: medium to dark brown, clayey at base
 1.8- 2.7 CLAY: brown to grey, plastic, weak, slightly sandy (fine-grained); minor ironstone
 2.7- 4.5 CLAY: brown, plastic, weak, very sandy to gravelly; 5% quartzite and ironstone nodules

PS 49 (Grid ref. 894 698)

0.0- 0.9 CLAY: dark grey, to black, plastic, weak, sandy (fine-grained)
 0.9- 1.8 CLAY: brown, plastic, weak, sandy (medium to coarse-grained); quartzite pebbles to 25 mm
 1.8- 2.7 CLAY: light brown, plastic, weak, sandy (coarse-grained); quartzite, decomposed granite
 Water at 1.8 m

PS 50 (Grid ref. 875 694)

0.0- 0.9 SAND: dark grey, medium-grained, very clayey
 0.9- 1.8 CLAY: light brown, dark grey, plastic, moderately strong, slightly sandy (very fine-grained)
 1.8- 2.7 CLAY: dark grey, brown, plastic, weak, sandy (medium-grained)
 2.7- 4.5 CLAY: grey-brown, plastic, moderately strong, very sandy (fine-grained); occasional 3 mm quartzite pebbles
 Water at 3.0 m

PS 51 (Grid ref. 875 697)

0.0- 0.9 LOAM: grey, very sandy
 CLAY: grey, red-orange, plastic, moderately strong, sandy (fine-grained); very ferruginous
 0.9- 1.8 CLAY: brown, plastic, weak, sandy (fine-grained)
 1.8- 2.7 CLAY: cream to light brown, plastic, moderately strong, very sandy (medium-grained)
 2.7- 4.5 CLAY: light brown, plastic, weak, very sandy (fine-grained)

PS 52 (Grid ref. 868 700)

0.0- 0.9 SOIL: dark brown, loamy
 CLAY: red-brown, plastic, moderately strong,
 sandy (fine-grained)
 0.9- 1.8 LOAM: light brown, sandy, clay nodules
 (=decomposed granite)

PS 53 (Grid ref. 867 699)

0.0- 0.9 SOIL: red-grey-brown, sandy (fine-medium-
 grained); clayey
 * 0.9- 1.8 CLAY: light brown to brown, plastic,
 moderately strong, sandy (fine-
 grained)
 1.8- 2.7 CLAY: brown, plastic, weak, sandy with
 depth increasing

PS 54 (Grid ref. 862 687)

0.0- 0.9 SOIL: brown, clayey, sandy
 0.9- 1.8 LOAM: dark brown, very clayey, very sandy
 1.8- 2.7 CLAY: dark brown, slightly plastic, very
 weak, very loamy
 2.7- 4.5 CLAY: dark brown, slightly plastic, very
 weak, very loamy
 GRAVEL: 30% of sample pebbles, 25 mm diameter

PS 55 (Grid ref. 860 695)

* 0.0- 0.9 CLAY: dark grey, plastic, strong
 0.9- 2.7 CLAY: dark brown, slightly plastic, weak,
 very sandy

PS 56 (Grid ref. 863 699)

0.0- 0.9 CLAY: dark grey, plastic, strong, slightly
 sandy (fine-grained)
 0.9- 1.8 CLAY: dark brown, plastic, weak, sandy
 (fine to medium-grained); ironstone
 nodules
 1.8- 2.7 CLAY: brown, plastic, weak, sandy (medium-
 grained), occasional river gravel to
 25 mm diameter
 2.7- 4.5 CLAY: brown, plastic, very weak, sandy
 (medium-grained); occasional quartzite
 pebbles to 12 mm
 4.5- 5.5 CLAY: brown, plastic, weak, very sandy
 (medium-grained)
 GRAVEL: to 25 mm diameter
 Water at 5.2 m

* Clay firing tests carried out, see elsewhere for results.

PS 57 (Grid ref. 887 714)

0.0- 1.8 CLAY: dark brown, plastic, weak, sandy (fine-grained)
 1.8- 2.7 SAND: brown, fine-grained, very clayey
 2.7- 4.5 SAND: light brown, fine-grained, slightly clayey
 4.5- 5.5 SAND: as above
 GRAVEL: increasing from 4.8 m
 Water at 4.2 m

PS 58 (Grid ref. 885 725)

0.0- 0.9 SOIL: dark brown
 CLAY: brown, plastic, weak, slightly sandy (fine-grained); some ironstone nodules
 0.9- 1.8 CLAY: red brown, plastic, very weak, sandy (fine-grained); ironstone staining very common
 1.8- 2.7 CLAY: brown, plastic, weak, sandy (fine-grained)
 2.7- 4.2 CLAY: dark grey, plastic, weak, very sandy (fine-grained)
 4.2- 4.5 GRAVEL: 40% of sample 25 mm
 Water at 4.2 m

PS 59 (Grid ref. 885 721)

0.0- 0.9 SOIL: brown, clayey
 0.9- 1.8 CLAY: brown, plastic, moderately strong, sandy (fine to medium-grained)
 1.8- 2.7 CLAY: brown, plastic, weak, very sandy (medium to coarse-grained), becoming more gravelly at base

PS 60 (Grid ref. 881 720)

0.0- 0.9 ROAD MATERIAL:
 0.9- 1.8 CLAY: blue grey, plastic, weak, slightly sandy (fine-grained); occasional coarser pebbles
 1.8- 2.7 CLAY: light brown, slightly plastic, very weak, very sandy (medium- to coarse-grained); with occasional rock chips
 2.7- 4.5 CLAY: khaki to brown, plastic, weak, very sandy (fine-grained), sand, becoming medium-grained toward base

PS 61 (Grid ref. 869 710)

0.0- 0.9 SOIL: dark brown, clayey and loamy
 0.9- 2.7 CLAY: dark grey, plastic, very weak, sandy (fine-grained), flows when augered

PS 61 (cont.)

2.7- 3.6 CLAY: brown, plastic, weak, very sandy
 GRAVEL: at base
 Water at 1.8 m

PS 62 (Grid ref. 867 704)

0.0- 0.9 CLAY: dark brown, plastic, moderately strong, very slightly sandy (very fine-grained)
 0.9- 1.8 CLAY: brown, plastic, weak, very sandy (fine-grained)
 * 1.8- 2.7 CLAY: brown, plastic, weak, slightly sandy (fine-grained), occasional ironstone
 2.7- 4.5 CLAY: brown, as above
 4.5- 5.5 CLAY: as above
 GRAVEL: at base
 Water at 4.8 m

PS 63 (Grid ref. 868 722)

0.0- 0.9 SOIL: brown, very clayey, very sandy (coarse-grained)
 0.9- 1.8 CLAY: light brown, very sandy (coarse-grained), slightly plastic, very weak
 GRAVEL: at base

PS 64 (Grid ref. 855 724)

0.0- 0.9 SOIL: dark brown, loamy
 0.9- 1.8 CLAY: brown, plastic, weak, sandy (fine-to-medium-grained); occasional rock to 12 mm
 1.8- 2.7 CLAY: brown, plastic, weak, sandy (fine-grained, occasional coarser grains to 3 mm); minor ironstaining
 2.7- 4.5 CLAY: brown, plastic, weak, sandy (fine to medium-grained); rocks to 25 mm, more frequent at base

PS 65 (Grid ref. 845 718)

0.0- 0.9 SOIL: black, loamy
 CLAY: light brown, plastic, weak, sandy, (medium- to coarse-grained)
 0.9- 1.8 CLAY: brown, plastic, weak, very sandy (fine-grained)

* Clay firing tests carried out, see elsewhere for results.

PS 66 (Grid ref. 836 717)

0.0- 0.9 SOIL: brown, loamy
 0.9- 2.7 CLAY: dark brown, plastic, weak, sandy
 (fine-grained), occasional pebbles
 * 2.7- 4.5 CLAY: brown, plastic, weak, sandy (fine-grained)

PS 67 (Grid ref. 832 714)

0.0- 0.9 SOIL: light brown, very sandy, clayey
 CLAY: dark grey, plastic, weak, sandy
 (fine-grained)
 0.9- 1.8 CLAY: as above
 1.8- 3.6 CLAY: brown, plastic, weak, sandy (fine-grained)
 GRAVEL: 30% of sample to 25 mm

PS 68 (Grid ref. 825 715)

0.0- 1.8 CLAY: brown to dark brown, plastic, weak,
 sandy (medium-grained)
 1.8- 3.6 CLAY: brown, plastic, weak, very sandy
 (fine to medium-grained)
 GRAVEL: at base

PS 69 (Grid ref. 820 715)

0.0- 0.9 SOIL: brown, loamy
 0.9- 2.7 CLAY: brown, plastic, weak, sandy (fine
 to coarse-grained)
 GRAVEL: at base

PS 70 (Grid ref. 815 714)

0.0- 0.9 SOIL: brown, loamy
 0.9- 1.8 CLAY: brown, plastic, weak, very sandy
 (fine-grained)
 1.8- 2.7 CLAY: dark brown, plastic, weak, sandy
 (fine to medium-grained)
 2.7- 3.6 CLAY: as above
 GRAVEL: 50% of sample pebbles 25 mm

PS 71 (Grid ref. 811 712)

0.0- 0.9 SOIL: brown, clayey
 CLAY: brown, plastic, weak, sandy
 (medium-grained)
 0.9- 1.8 CLAY: as above
 GRAVEL: at base

* Clay firing tests carried out, see elsewhere for results.

PS 72 (Grid ref. 816 712)

- 0.0- 0.9 CLAY: dark brown, plastic, weak, sandy (fine-grained); ironstone staining; carbonaceous
- 0.9- 2.7 CLAY: light to medium brown, plastic, weak, very sandy (medium to coarse-grained)
- GRAVEL: at base

PS 73 (Grid ref. 873 707)

- 0.0- 0.9 SOIL: black, clayey
- 0.9- 1.8 CLAY: brown, plastic, weak, sandy (fine-grained); minor iron staining
- DECOMPOSED GRANITE:

PS 74 (Grid ref. 871 704)

- 0.0- 0.9 SOIL: brown, sandy, very clayey
- 0.9- 1.8 CLAY: brown, non-plastic, moderately strong, sandy (fine-grained)
- 1.8- 2.7 CLAY: dark brown, plastic, weak, sandy (very fine-grained)
- 2.7- 4.5 CLAY: dark brown, plastic, weak, slightly sandy (fine-grained); occasional rock chips 3 mm, rare ironstone nodules
- 4.5- 5.5 CLAY: as above
- GRAVEL: 50% of sample pebbles 25 mm

PS 75 (Grid ref. 918 746)

- 0.0- 0.9 SOIL: very loamy, brown
- 0.9- 2.7 SOIL: as above with clay nodules (plastic, weak, very sandy)
- 2.7- 4.5 CLAY: dark brown, plastic, weak, very sandy (fine-grained)
- 4.5- 6.4 CLAY: dark brown, plastic, weak, sandy (fine-grained); occasional ironstone nodules

PS 76 (Grid ref. 911 740)

- 0.0- 0.9 SOIL: very loamy
- 0.9- 2.7 LOAM: very sandy, slightly clayey
- GRAVEL: 20% of sample, pebbles 38 mm

PS 77 (Grid ref. 977 764)

- 0.0- 0.9 SOIL: dark brown, very clayey; very sandy
- 0.9- 1.8 CLAY: dark brown, plastic, very weak; very sandy (fine-grained)
- 1.8- 2.7 SAND: brown, fine to medium-grained; clayey
- 2.7- 4.5 GRAVELLY SAND: brown, fine to medium-grained

PS 78 (Grid ref. 972 765)

0.0- 0.9 CLAY: dark brown, plastic, weak; slightly sandy (fine-grained)
 0.9- 2.7 SAND: light brown to brown, medium to coarse-grained; clayey
 2.7- 4.5 SAND: light brown, coarse-grained; slightly clayey; gravelly (max. 25 mm)

PS 79 (Grid ref. 984 763)

0.0- 0.9 LOAM: light brown, very sandy; slightly clayey
 0.9- 2.7 SAND: dark brown, fine to medium-grained; very clayey
 2.7- 3.6 SAND: dark grey, medium to coarse-grained; clayey
 3.6- 5.4 GRAVELLY SAND: dark grey to brown, coarse-grained; gravel fine to coarse-grained (max. 250 mm)

PS 80 (Grid ref. 989 764)

0.0- 0.9 LOAM: light brown, clayey
 0.9- 1.8 CLAY: dark brown, plastic; weak; slightly sandy (fine-grained)
 * 1.8- 3.6 SAND: brown, fine-grained; clayey
 3.6- 4.5 SAND: light brown, medium to coarse-grained; slightly clayey; grading into gravel

PS 81 (Grid ref. 992 769)

0.0- 0.9 LOAM: dark grey, very clayey; sandy (fine-grained)
 * 0.9- 2.7 CLAY: dark brown, plastic, weak; slightly sandy (fine-grained)
 2.7- 4.5 SAND: brown, medium-grained; slightly clayey; gravelly (max. 25 mm)

PS 82 (Grid ref. 994 775)

0.0- 0.9 LOAM: dark brown, clayey; sandy
 0.9- 1.8 CLAY: dark brown, plastic, weak; slightly sandy (fine-grained)
 1.8- 2.7 SAND: whitish-grey to brown, fine-grained; very clayey
 2.7- 3.6 SAND: grey to brown, fine-grained; very clayey; becoming gravelly

PS 83 (Grid ref. 997 784)

0.0- 0.9 ROAD MATERIAL:
 0.9- 2.7 CLAY: dark brown to black, plastic, weak; sandy (fine-grained)
 2.7- 4.5 CLAY: grey and brown, plastic, weak; sandy (fine-grained)

* Clay firing tests carried out, see elsewhere for results.

PS 83 (cont.)

4.5- 6.4 CLAY: grey, plastic, very weak; slightly sandy (fine-grained, becoming coarse-grained)

PS 84 (Grid ref. 997 787)

0.0- 0.9 SOIL: brown, very sandy; clayey
 0.9- 2.7 CLAY: dark brown, plastic, weak; sandy (fine-grained)
 2.7- 4.5 CLAY: grey to brown, plastic, weak; very sandy (fine-grained)

PS 85 (Grid ref. 993 788)

0.0- 0.9 CLAY: brown, plastic, weak; sandy (fine-grained)
 0.9- 2.7 SAND: grey, coarse-grained; clayey; becomes gravelly towards the base

PS 86 (Grid ref. 002 804)

0.0- 0.9 SOIL: brown, very clayey
 0.9- 2.7 CLAY: brown to grey, plastic, weak; sandy (fine-grained); iron-staining common
 2.7- 4.5 CLAY: light brown, plastic, weak; very sandy (fine-grained)
 SAND: brown to light grey, fine-grained; very clayey
 4.5- 6.4 CLAY: brown, plastic, weak; sandy (very fine-grained)

PS 87 (Grid ref. 003 814)

0.0- 0.9 CLAY: dark brown, plastic, weak; slightly sandy (very fine-grained)
 0.9- 2.7 CLAY: grey to brown, plastic, weak; sandy (fine-grained); iron-staining present
 2.7- 4.5 CLAY: brown, plastic, weak; very sandy (fine-grained)

PS 88 (Grid ref. 008 815)

0.0- 0.9 GRAVEL: comprises of 60% pebbles
 0.9- 2.7 GRAVEL: comprises of 30% pebbles; clayey, clay increasing with depth

PS 89 (Grid ref. 004 822)

0.0- 0.9 SOIL: red brown; very clayey; loamy
 * 0.9- 2.7 CLAY: red brown, plastic, weak; slightly sandy (very fine-grained); ironstone nodules common, occasional pebbles to 3 mm

* Clay firing tests carried out, see elsewhere for results.

PS 89 (cont.)

- 2.7- 4.5 CLAY: brown, plastic, weak; very slightly sandy (very fine-grained); ironstone nodules
- 4.5- 6.4 CLAY: brown, plastic, weak; slightly sandy (fine-grained); pebbles to 6 mm towards base, ironstone nodules

Water at 6.1m.

PS 90 (Grid ref. 999 824)

- 0.0- 0.9 CLAY: black to brown to grey, plastic, weak; very sandy (fine-grained)
- 0.9- 2.7 CLAY: grey, plastic, weak; slightly sandy (very fine-grained)
- 2.7- 4.5 CLAY: grey, plastic, weak; slightly sandy (very fine-grained); organics present

PS 91 (Grid ref. 996 827)

- 0.0- 0.9 CLAY: brown, plastic, weak; very sandy (fine-grained)
- 0.9- 2.7 CLAY: dark brown, plastic, weak; sandy (fine-grained); pebbles 25 mm at base
- GRAVEL: 60% of sample, pebbles 25 mm

PS 92 (Grid ref. 994 816)

- 0.0- 0.9 CLAY: brown to grey, plastic, weak; sandy (fine-grained); ironstone staining and nodules very common
- 0.9- 2.7 CLAY: brown, grey, plastic, moderately strong; slightly sandy (fine-grained); ironstone staining common
- 2.7- 4.5 CLAY: brown, plastic, weak; very sandy (medium-grained)

Water at approximately 3.0 m

PS 93 (Grid ref. 986 824)

- 0.0- 1.8 LOAM: light brown to brown; slightly sandy; very clayey
- 1.8- 2.7 GRAVEL: fine to medium-grained (max. 12 mm)

PS 94 (Grid ref. 982 827)

- 0.0- 0.9 LOAM: light brown, very sandy
- 0.9- 1.8 CLAY: dark brown, plastic, very weak; sandy (coarse-grained)

PS 95 (Grid ref. 962 825)

0.0- 0.9 SOIL: dark brown, very gravelly
 0.9- 2.7 GRAVELLY CLAY: brown, plastic, weak; gravel fine to coarse-grained (max. 25 mm)

PS 96 (Grid ref. 958 828)

0.0- 2.7 LOAM: brown, sandy; clayey
 2.7- 4.5 LOAM: very sandy; slightly clayey

PS 97 (Grid ref. 954 837)

0.0- 0.9 CLAY: brown, non-plastic, very weak; very sandy (fine-grained)
 0.9- 1.8 CLAY: light brown, non-plastic; very loamy
 GRAVEL: 60% of sample at base pebbles 25 mm

PS 98 (Grid ref. 951 842)

0.0- 0.9 LOAM: brown, sandy; clayey
 0.9- 2.7 CLAY: brown, plastic, very weak; very sandy (fine-grained)
 2.7- 4.5 CLAY: brown, plastic, weak; sandy (fine-grained)
 4.5- 6.4 CLAY: brown, plastic, weak; very sandy (fine-grained)
 GRAVEL: 30% of sample, pebbles 12 mm

PS 99 (Grid ref. 946 827)

0.0- 0.9 LOAM: brown, very sandy; slightly clayey; 5% gravel, pebbles 12 mm
 0.9- 2.7 LOAM: as above; 10% gravel, pebbles 25 mm

PS 100 (Grid ref. 071 900)

0.0- 3.6 CLAY: grey, plastic, moderately strong; sandy, 10% shell fragments
 Water at 0.9 m

PS 101 (Grid ref. 051 899)

0.0- 0.9 SOIL: black, loamy
 0.9- 2.7 CLAY: tan, white, slightly plastic, moderately strong; sandy (medium-grained)
 * 2.7- 4.5 CLAY: white, slightly plastic, moderately strong; sandy (medium-grained)

* Clay firing tests carried out, see elsewhere for results.

PS 102 (Grid ref. 061 891)

0.0- 0.9 SOIL: black, clayey; quartzite cobbles to 38 mm

0.9- 1.8 CLAY: grey, yellow, very plastic, weak; slightly sandy to sandy (fine- to coarse-grained)

1.8- 2.7 CLAY: light brown, very plastic, weak; very sandy (fine-grained)

Water at 2.7 m

PS 103 (Grid ref. 060 885)

0.0- 0.9 SOIL: black, clayey

0.9- 4.5 CLAY: grey, very plastic, weak; slightly sandy (fine- to medium-grained)

PS 104 (Grid ref. 072 905)

0.0- 0.9 SOIL: dark brown, clayey

0.9- 2.7 CLAY: tan, very plastic, weak; sandy (very fine-grained); 5% shell fragments

2.7- 3.6 CLAY: grey, as above

3.6- 4.5 CLAY: green, plastic, moderately strong; slightly sandy to sandy (fine-grained)

PS 105 (Grid ref. 062 905)

0.0- 0.9 SOIL: brown; 50% carbonaceous material

0.9- 3.6 CLAY: grey, very plastic, very weak; slightly sandy (very fine-grained); 10% shell fragments

3.6- 4.5 CLAY: tan, orange, very plastic, weak to moderately strong; sandy to very sandy (fine-grained); 5% siltstone pebbles to 38 mm, 25% shell fragments

Water at 4.5 m

PS 106 (Grid ref. 065 899)

0.0- 0.9 SOIL: black, clayey

LOAM: fawn, grey, very clayey

0.9- 1.8 LOAM: fawn, very clayey; 20% shell fragments

1.8- 2.7 CLAY: grey, very plastic, weak; 20% shell fragments

2.7- 4.5 CLAY: khaki, as above

4.5- 6.4 CLAY: fawn, plastic, moderately strong; very sandy (fine- to coarse-grained); 30% shell fragments

PS 107 (Grid ref. 064 903)

0.0- 0.9 SOIL: black, clayey
 LOAM: grey, fawn, clayey; minor shell fragments
 0.9- 1.8 LOAM: fawn, very clayey; 30% shell fragments
 1.8- 2.7 CLAY: khaki to grey, very plastic, weak, slightly sandy (fine-grained); 30% shell fragments

PS 108 (Grid ref. 074 907)

0.0- 0.9 SOIL: black, clayey, decaying organic material
 0.9- 1.8 CLAY: khaki, very plastic, weak; sandy (fine-grained); 15% shell fragments
 1.8- 4.5 CLAY: dark blue grey, very plastic, weak; slightly sandy to sandy (very fine-grained); 20% shell fragments
 4.5- 6.4 CLAY: blue, orange, khaki, non-plastic, strong; sandy to very sandy (medium-grained)

PS 109 (Grid ref. 070 892)

0.0- 0.9 SOIL: light brown
 0.9- 1.8 CLAY: red, light brown, white, plastic, weak; sandy (fine to medium-grained)
 1.8- 3.6 CLAY: fawn, as above
 3.6- 4.5 CLAY: bone, very plastic, weak; slightly sandy (very fine to fine-grained)
 4.5- 5.5 SAND: very light orange-brown, fine-grained, clayey
 5.5- 6.4 SAND: as above; very clayey

PS 110 (Grid ref. 077 884)

0.0- 0.9 CLAY: light brown, red, plastic, very weak; sandy (very fine to fine-grained)
 0.9- 2.7 CLAY: grey, very plastic, weak; slightly sandy (very fine-grained)
 2.7- 3.6 CLAY: dark grey, as above
 3.6- 4.5 CLAY: dark blue grey, as above
 4.5- 5.5 CLAY: blue green, non-plastic, very strong; sandy (very fine-grained)
 5.5- 6.4 CLAY: as above
 Water at 3.6 m

PS 111 (Grid ref. 075 875)

- 0.0- 0.9 CLAY: yellow, grey, plastic, weak;
slightly sandy (fine-grained)
- 0.9- 2.7 CLAY: light blue, red, light brown,
plastic, moderately strong; sandy
(medium-grained); minor shell
fragments
- 2.7- 4.5 CLAY: light blue, slightly plastic, very
weak; very sandy (fine to
medium-grained)

PS 112 (Grid ref. 042 903)

- 0.0- 0.9 SOIL: light brown, yellow; sandy (fine-
grained)
- * 0.9- 4.5 CLAY: white, fawn, slightly plastic,
weak; slightly sandy (fine-grained)
- 4.5- 6.4 CLAY: red, plastic, weak; sandy (fine
to medium-grained)

Water at 6.1 m

PS 113 (Grid ref. 040 888)

- 0.0- 0.9 CLAY: light brown, orange, very plastic,
weak; sandy (fine-grained)
- 0.9- 3.6 CLAY: grey, very plastic, weak; sandy
(fine-grained)
- 3.6- 4.5 CLAY: grey, orange, red, non-plastic,
very strong; sandy (fine-grained)

Water at 2.7 m

PS 114 (Grid ref. 028 877)

- 0.0- 0.9 CLAY: orange, grey, plastic, very weak;
very sandy (fine to medium-
grained)
- 0.9- 2.7 CLAY: grey, slightly plastic, weak;
very sandy (medium-grained)
- * 2.7- 4.5 CLAY: red, slightly plastic, weak;
sandy (fine to medium-grained)

PS 115 (Grid ref. 028 882)

- 0.0- 0.9 SAND: grey, fine-grained, clayey
- 0.9- 2.7 CLAY: white, slightly plastic, to plastic,
moderately strong; very sandy
(fine-grained)
- 2.7- 4.5 CLAY: orange to very light brown, non-
plastic, weak; very sandy (fine-
to medium-grained)
- 4.5- 6.4 CLAY: white to orange, as above

* Clay firing tests carried out, see elsewhere for results.

PS 116 (Grid ref. 028 893)

0.0- 0.9 SOIL: dark grey, very clayey
 0.9- 2.7 CLAY: khaki, slightly plastic, weak;
 sandy (fine-grained)
 2.7- 4.5 SAND: light grey to white, fine to
 medium-grained; clayey to very
 clayey
 4.5- 6.4 CLAY: very light brown, slightly plastic,
 weak; very sandy (fine to medium-
 grained)
 6.4- 8.2 CLAY: yellow to orange, as above
 8.2- 9.1 CLAY: white, as above; rare basalt
 pebbles

PS 117 (Grid ref. 032 894)

0.0- 0.9 CLAY: grey, non-plastic, very strong;
 loamy
 0.9- 2.7 CLAY: brown, red, orange, slightly
 plastic, weak; very sandy (medium-
 grained)
 2.7- 4.5 CLAY: light blue grey, as above
 Water at 3.6 m

PS 118 (Grid ref. 033 896)

0.0- 0.9 SOIL: brown, clayey
 0.9- 1.8 CLAY: grey, very plastic, weak; slightly
 sandy (fine-grained)
 1.8- 3.6 CLAY: grey, very plastic, very weak;
 very sandy (coarse-grained)
 3.6- 4.5 CLAY: very light grey, plastic, moderately
 strong; very sandy (fine-grained)
 Water at 2.7 m

PS 119 (Grid ref. 030 898)

0.0- 1.8 CLAY: light brown, slightly plastic, weak;
 slightly sandy (very fine-grained)
 1.8- 3.6 CLAY: orange, very light brown, plastic,
 weak; slightly sandy (very fine-
 grained)
 3.6- 5.5 CLAY: grey, plastic, moderately strong;
 very sandy (fine-grained)
 5.5- 8.2 SAND: light grey, fine to coarse-
 grained; very clayey
 8.2-10.1 CLAY: yellow, orange, plastic, moderately
 strong; very sandy (medium-
 grained)

PS 120 (Grid ref. 033 901)

0.0- 0.9 CLAY: light brown, orange, grey, plastic, weak; very sandy (fine-grained)
 0.9- 2.7 CLAY: fawn to grey, as above
 2.7- 5.5 CLAY: light grey, as above, flows when augered
 5.5- 6.4 CLAY: very light brown, as above; minor gravel and shell fragments

PS 121 (Grid ref. 029 901)

0.0- 0.9 LOAM: fawn, clayey
 0.9- 1.8 SAND: orange, medium-grained; clayey
 1.8- 3.6 CLAY: grey, very slightly plastic, weak; very sandy (medium-grained)
 3.6- 5.5 CLAY: light grey, plastic, weak; sandy to very sandy (fine-grained)
 5.5- 6.4 CLAY: light grey to white plastic, weak; sandy to very sandy (fine-grained)

Water at 5.5 m

PS 122 (Grid ref. 024 901)

0.0- 0.9 LOAM: yellow, very light grey
 0.9- 2.7 CLAY: orange, grey, very slightly plastic, moderately strong; slightly sandy to sandy (very fine-grained)
 2.7- 4.5 CLAY: red, plastic, very weak, very sandy (fine-grained)

PS 123 (Grid ref. 021 900)

0.0- 0.9 LOAM: white to very light grey, slightly clayey
 0.9- 3.6 CLAY: orange, grey, slightly plastic, moderately strong; slightly sandy to sandy (fine-grained)
 3.6- 6.4 CLAY: orange to yellow, as above

Water at 5.5 m

PS 124 (Grid ref. 016 888)

0.0- 0.9 LOAM: grey, slightly clayey
 0.9- 3.6 CLAY: orange, red, white, non-plastic, weak; sandy (fine-grained)
 3.6- 4.5 CLAY: white, as above
 4.5- 5.5 CLAY: red, plastic, weak; very sandy (fine-grained)
 5.5- 6.4 CLAY: orange, plastic, weak; very sandy (medium- to coarse-grained)

PS 125 (Grid ref. 016 881)

0.0- 0.9 CLAY: grey, yellow, plastic, very weak;
sandy (fine-grained)

0.9- 2.7 CLAY: red, slightly plastic, very weak;
very sandy (fine to medium-grained)

PS 126 (Grid ref. 011 882)

0.0- 0.9 SOIL: grey, loamy

0.9- 1.8 CLAY: red, very slightly plastic, weak;
very sandy (fine to medium-grained)

1.8- 2.7 CLAY: white, as above

PS 127 (Grid ref. 012 895)

0.0- 0.9 SOIL: very dark brown; sandy (fine to
medium-grained)

0.9- 4.5 CLAY: orange, white, very slightly plastic,
weak; sandy (fine-grained)

PS 128 (Grid ref. 023 888)

0.0- 0.9 SAND: brown, medium-grained; slightly
clayey

0.9- 1.8 SAND: white, medium to coarse-grained;
clayey

1.8- 4.5 CLAY: white, non-plastic, very weak;
very sandy (medium-grained); rare
quartzite pebbles

PS 129 (Grid ref. 022 873)

0.0- 2.7 CLAY: grey, plastic, weak; sandy (medium
to coarse-grained)

2.7- 3.6 CLAY: pink, white, slightly plastic, very
weak; very sandy (medium-grained)

3.6- 5.5 CLAY: red, as above

Water at 5.5 m

PS 130 (Grid ref. 040 828)

0.0- 0.9 SOIL: brown, loamy

0.9- 2.7 SAND: grey, very fine to fine-grained;
very clayey; 25% shell fragments

2.7- 3.6 CLAY: orange, cream, slightly plastic;
very sandy (medium to coarse-
grained)

PS 131 (Grid ref. 033 828)

0.0- 0.9 SOIL: brown, very clayey

CLAY: grey, very plastic, weak; loamy

0.9- 3.6 CLAY: light grey, very plastic, weak;
sandy to very sandy (very fine-
grained)

PS 131 (cont.)

3.6- 4.5 CLAY: white, orange, red, plastic, moderately strong; slightly sandy to sandy (very fine-grained)

PS 132 (Grid ref. 026 831)

0.0- 0.9 SOIL: brown, loamy
 0.9- 2.7 CLAY: khaki, plastic, weak; sandy (very fine-grained)
 2.7- 4.5 CLAY: light grey, as above

PS 133 (Grid ref. 028 834)

0.0- 0.9 SOIL: brown
 0.9- 3.6 SAND: orange, yellow, fine-grained; clayey
 3.6- 6.4 CLAY: light grey, plastic, weak; slightly sandy (very fine-grained)

PS 134 (Grid ref. 029 838)

0.0- 0.9 SOIL: black, loamy
 0.9- 2.7 SAND: fawn, fine-grained; clayey to very clayey
 2.7- 4.5 CLAY: grey, plastic, weak; sandy (very fine to fine-grained)
 4.5- 5.5 CLAY: khaki, plastic, moderately strong; sandy (fine-grained)
 5.5- 6.4 CLAY: grey, red, white, non-plastic, very strong; slightly sandy (fine-grained)

Water at 5.5 m

PS 135 (Grid ref. 044 847)

0.0- 0.9 SOIL: brown
 0.9- 1.8 CLAY: fawn, plastic, weak; very loamy
 1.8- 4.5 CLAY: light grey, plastic, weak; slightly sandy (fine-grained)

PS 136 (Grid ref. 048 848)

0.0- 0.9 SAND: orange brown, very fine-grained; loamy
 0.9- 1.8 SAND: fawn, fine-grained, clayey
 1.8- 2.7 CLAY: grey, plastic, very weak; sandy (fine-grained); minor shell fragments
 2.7- 4.5 CLAY: as above; 30% shell fragments
 4.5- 5.5 CLAY: red, plastic, moderately strong; slightly sandy to sandy (fine-grained)

PS 136 (cont.)

5.5- 6.4 CLAY: as above
 CLAY: white, as above; rare quartz and
 siltstone pebbles

PS 137 (Grid ref. 043 849)

0.0- 0.9 SOIL: black
 0.9- 1.8 CLAY: khaki, very plastic, weak; sandy to
 very sandy (fine-grained)
 1.8- 2.7 CLAY: brown, as above
 2.7- 4.5 CLAY: blue-grey, as above

PS 138 (Grid ref. 024 826)

0.0- 0.9 SOIL: black
 CLAY: orange, plastic, weak
 0.9- 2.7 CLAY: red, plastic, weak; sandy to very
 sandy (coarse-grained)
 2.7- 3.6 CLAY: red, grey, as above

PS 139 (Grid ref. 023 829)

0.0- 0.9 SOIL: brown, clayey
 0.9- 2.7 CLAY: red, grey, plastic, moderately strong;
 sandy (fine-grained)
 2.7- 3.6 CLAY: fawn, as above

PS 140 (Grid ref. 027 819)

0.0- 0.9 SOIL: black
 0.9- 2.7 SAND: khaki, medium-grained; very clayey
 2.7- 5.5 SAND: grey, medium-grained; clayey
 5.5- 6.4 CLAY: white, red, slightly plastic, very
 strong; slightly sandy (fine-
 grained)

PS 141 (Grid ref. 025 815)

0.0- 0.9 SOIL: dark brown
 0.9- 1.8 SAND: light brown, medium-grained; clayey
 1.8- 4.5 SAND: grey, fine to medium-grained;
 very clayey
 4.5- 5.5 CLAY: green, orange, non-plastic, strong;
 sandy to very sandy (fine-grained)

PS 142 (Grid ref. 026 837)

0.0- 0.9 SOIL: black
 0.9- 3.6 SAND: fawn, fine to medium-grained;
 very clayey
 3.6- 4.5 SAND: grey, as above

PS 143 (Grid ref. 037 836)

0.0- 0.9 SOIL: black
 0.9- 1.8 CLAY: khaki, plastic, weak; very sandy
 (fine-grained)
 1.8- 4.5 CLAY: very dark brown, as above

PS 144 (Grid ref. 959 788)

0.0- 0.9 CLAY: grey, white, orange, plastic, weak
 0.9- 2.7 CLAY: as above; sandy (medium-grained)
 2.7- 4.5 CLAY: khaki, grey, plastic, weak; very
 slightly sandy (fine-grained)
 4.5- 5.5 CLAY: very light grey, as above
 * 5.5- 6.4 CLAY: very light grey, khaki, as above
 * 6.4-11.9 CLAY: khaki, plastic, weak; very slightly
 sandy (fine-grained)
 * 11.9-15.5 CLAY: khaki, plastic, weak to moderately
 strong; slightly sandy to sandy
 (fine to medium-grained)

PS 145 (Grid ref. 957 832)

0.0- 1.8 LOAM: brown
 1.8- 2.7 SAND: brown, fine-grained; clayey
 2.7- 3.6 CLAY: brown, slightly plastic, very weak;
 sandy (fine-grained)
 3.6- 5.4 SAND: brown, fine to medium-grained;
 slightly clayey; slightly gravelly,
 (max. 18 mm)
 5.4- 7.3 SAND: as above, becomes coarser; non-
 clayey

PS 146 (Grid ref. 986 828)

0.0- 1.8 LOAM: brown, slightly clayey to clayey
 1.8- 3.6 CLAY: reddish brown, non-plastic; very
 weak; sandy (coarse-grained);
 20% rounded pebbles

PS 147 (Grid ref. 948 893)

0.0- 0.9 SOIL: dark brown, very clayey; sandy
 0.9- 2.7 CLAY: brown, plastic, weak; slightly
 sandy (fine-grained)
 2.7- 3.6 CLAY: brown to orange-brown, plastic,
 moderately strong; sandy (medium-
 grained); ironstone nodules
 common
 3.6- 5.5 CLAY: brown to grey, plastic, moderately
 strong; sandy (fine-grained)

Water at 4.5 m

* Clay firing tests carried out, see elsewhere for results.

PS 148 (Grid ref. 942 894)

0.0- 0.9 CLAY: dark brown, plastic, weak; sandy (medium-grained)
 0.9- 1.8 CLAY: dark brown, plastic, weak; sandy (fine-grained)
 1.8- 2.7 CLAY: brown to orange-brown, plastic, weak; sandy (medium-grained); ironstone nodules common
 2.7- 4.5 CLAY: light brown to brown, plastic, weak; very sandy (fine-grained)

PS 149 (Grid ref. 942 900)

0.0- 0.9 SOIL: grey-brown, very loamy
 0.9- 2.7 CLAY: light to dark brown, plastic, weak; sandy (fine-grained); minor ironstone staining
 * 2.7- 3.6 CLAY: grey, plastic, weak; very slightly sandy (fine-grained)
 3.6- 4.5 CLAY: brown, as above
 4.5- 5.5 CLAY: grey, plastic, weak; very slightly sandy (fine-grained)
 5.5- 6.4 CLAY: grey, plastic, moderate strength; slightly sandy (fine-grained); ironstone nodules and staining common
 6.4- 7.3 CLAY: brown to grey, plastic, weak; sandy (fine-grained); ironstone nodules very common
 7.3- 8.1 CLAY: brown, plastic, weak; sandy (fine to medium-grained)
 GRAVEL: 30% of sample, pebbles 12 mm
 Water at 6.1 m

PS 150 (Grid ref. 955 893)

0.0- 0.9 SOIL: brown; very clayey; sandy
 0.9- 2.7 CLAY: brown, plastic, weak; slightly sandy (fine-grained)
 2.7- 4.5 CLAY: brown, grey, plastic, weak; sandy (fine-grained); ironstone nodules common, 6 mm

* Clay firing tests carried out, see elsewhere for results.

PINE SHIRE

PSM SeriesPSM 1 (Grid ref. 984883)

0.0-0.9	CLAY:	grey, brown, slightly plastic, weak; sandy (fine-grained)
0.9-1.8	CLAY:	grey, brown, orange, plastic, moderately strong; sandy (medium to coarse-grained)
1.8-2.7	CLAY:	grey, brown, plastic, moderately strong; sandy (coarse-grained)
2.7-4.5	CLAY:	khaki, brown, plastic, weak; sandy (medium to coarse-grained)

PSM 2 (Grid ref. 974884)

0.0-0.9	SAND:	light grey, dark grey, brown, medium to coarse-grained; clayey
0.9-1.8	CLAY:	red, dark brown, slightly plastic, weak; sandy; occasional quartz pebbles to 20 mm
1.8-2.7	CLAY:	pink-brown, grey, slightly plastic, weak; sandy
2.7-4.5	CLAY:	pink, grey, slightly plastic, weak; very sandy (coarse-grained)

PSM 3 (Grid ref. 980 872)

0.0-0.9	CLAY:	dark red-brown, slightly plastic, weak; sandy; common ironstone pebbles
0.9-1.8	CLAY:	khaki, brown, semi-plastic, weak; sandy (medium to coarse-grained)
1.8-2.7	CLAY:	dark brown, slightly plastic, weak; sandy
2.7-3.6	CLAY:	brown, semi-plastic, moderately strong; sandy; common ironstone pebbles
* 3.6-4.5	CLAY:	mottled grey, brown, pink, orange, plastic, strong; slightly sandy (fine-grained); common ironstone pebbles and fragments
* 4.5-6.4	CLAY:	light brown, grey, plastic, moderately strong; slightly sandy (fine-grained)
* 6.4-7.3	CLAY:	light brown, grey, yellow, plastic, moderately strong; slightly sandy (fine-grained)
* 7.3-8.2	CLAY:	brown, plastic, weak; slightly sandy to sandy (fine to medium-grained)
8.2-10.1	CLAY:	grey, brown, semi-plastic, moderately strong; sandy

PSM 4 (Grid ref. 987876)

0.0-0.9	CLAY:	red-brown, grey, slightly plastic, weak; sandy; common ironstone fragments and pebbles
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* Clay firing tests carried out, see elsewhere for results.

PSM 4 (Cont.)

- * 0.9-2.7 CLAY: grey-pink-brown, plastic, strong; slightly sandy (fine to medium-grained); occasional fine ironstone pebbles
- 2.7-4.5 CLAY: brown, semi-plastic, moderately strong; sandy (medium to coarse-grained); common ironstone pebbles and fragments

PSM 5 (Grid ref. 006 880)

- 0.0-0.45 SAND: brown, fine to medium-grained; moderately clean
- 0.45-0.9 CLAY: khaki, brown, slightly plastic, weak; very sandy
- 0.9-2.7 CLAY: pink-brown, grey, red, slightly plastic, weak; sandy; common ironstone fragments
- 2.7-3.6 SANDSTONE: brown, weathered; clayey

PSM 6 (Grid ref. 997882)

- 0.0-0.9 CLAY: red-brown, khaki, slightly plastic, weak; sandy; common ironstone pebbles and fragments
- * 0.9-1.8 CLAY: pink-grey, red; slightly sandy; ironstone pebbles and fragments
- 1.8-2.7 SANDSTONE: weathered

PSM 7 (Grid ref. 000888)

- 0.0-0.9 SAND: brown, fine to medium-grained; slightly clayey
- 0.9-1.8 CLAY: brown, grey, red, slightly plastic, weak; sandy; common ironstone pebbles and fragments
- 1.8-4.5 CLAY: pink-grey, brown, orange, slightly plastic, weak; sandy; common ironstone pebbles and fragments

PSM 8 (Grid ref. 015908)

- 0.0-0.9 SAND: brown, fine to medium-grained; common ironstone pebbles
- 0.9-2.7 CLAY: orange-yellow, light brown, slightly plastic, weak; sandy; common ironstone pebbles and fragments
- 2.7-3.6 CLAY: mottled pink, grey, orange, brown, slightly plastic, moderately strong; sandy; occasional ironstone pebbles and fragments
- 3.6-4.5 CLAY: light brown, grey, orange, slightly plastic, weak; sandy

* Clay firing tests carried out, see elsewhere for results.

PSM 9 (Grid ref. 015908)

0.0-0.9	SAND:	light brown, grey, fine-grained; clean
0.9-1.8	SAND:	brown, fine to medium-grained; moderately clean
1.8-3.6	SAND:	grey, brown, medium-grained; slightly clayey to clayey
3.6-4.5	CLAY:	grey, brown, slightly plastic, weak; very sandy

PSM 10 (Grid ref. 019901)

0.0-0.9	SAND:	light brown, dark grey, medium to coarse-grained; moderately clean
0.9-1.8	SAND:	light brown, medium to coarse- grained; clayey
1.8-2.7	SAND:	grey, coarse-grained; very clayey
2.7-4.5	SANDSTONE:	grey, light brown, weathered; clayey

PSM 11 (Grid ref. 010895)

0.0-0.9	SAND:	brown, medium-grained; clayey; common ironstone pebbles and fragments
0.9-1.8	CLAY:	pink-grey, slightly plastic, weak; sandy (coarse-grained); common decomposed ironstone
1.8-4.5	CLAY:	dark pink-grey, slightly plastic, weak; very sandy (coarse-grained)

PSM 12 (Grid ref. 016886)

0.0-1.5	SANDSTONE:	clayey
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PSM 13 (Grid ref. 015884)

0.0-0.9	CLAY:	grey, slightly plastic, weak; very sandy
0.9-1.8	CLAY:	mottled orange, khaki, grey, plastic, moderately strong; sandy (medium to coarse-grained)
1.8-4.5	CLAY:	brown, slightly plastic, weak; sandy

PSM 14 (Grid ref. 996894)

0.0-0.9	SAND:	grey, fine to medium-grained; fairly clean
0.9-1.8	CLAY:	grey, brown, slightly plastic, weak; sandy
1.8-4.5	SAND:	grey, medium to coarse-grained; clayey

PSM 15 (Grid ref. 004900)

0.0-0.9 SAND: light brown, yellow, fine-grained; slightly clayey
 0.9-1.8 CLAY: red-brown, grey, slightly plastic, weak; sandy
 1.8-4.5 CLAY: pink-light brown, grey, slightly plastic, weak; sandy; occasional quartz pebbles to 10 mm

PSM 16 (Grid ref. 999907)

0.0-0.9 SAND: brown, medium to coarse-grained; slightly clayey
 0.9-1.8 SAND: light orange-brown, coarse-grained; clayey
 1.8-4.5 CLAY: pink-brown, grey, slightly plastic; weak; very sandy (coarse-grained)

PSM 17 (Grid ref. 988888)

0.0-1.8 CLAY: brown, grey, slightly plastic, weak; sandy
 1.8-2.7 CLAY: mottled red, khaki-grey, brown, plastic, moderately strong; sandy; common ironstone chips and fragments
 2.7-4.5 CLAY: khaki-pink, slightly plastic, weak; sandy

PSM 18 (Grid ref. 981889)

0.0-1.8 CLAY: red-brown, slightly plastic, weak; sandy; common ironstone chips and fragments
 1.8-4.5 CLAY: pink, grey, powdered when augered; sandy

PSM 19 (Grid ref. 986897)

0.0-0.9 CLAY: brown, slightly plastic, weak; sandy; common ironstone pebbles to 10 mm
 0.9-2.7 CLAY: grey, pink, slightly plastic, weak; very sandy
 * 2.7-3.6 CLAY: grey, light pink-brown, semi-plastic, moderately strong; slightly sandy (fine-grained)
 * 3.6-4.5 CLAY: grey, light pink-brown, semi-plastic, moderately strong; sandy (fine to medium-grained)

PSM 20 (Grid ref. 005910)

0.0-2.7 CLAY: red-brown, slightly plastic, weak; sandy; occasional ironstone pebbles to 10 mm
 2.7-4.5 CLAY: pink-brown, slightly plastic, weak; very sandy (coarse-grained)

* Clay firing tests carried out, see elsewhere for results.

PSM 21 (Grid ref. 970894)

0.0-4.5 CLAY: brown, pink-grey, slightly plastic, weak; sandy (coarse-grained); to 2.7 m, common ironstone pebbles to 10 mm

PSM 22 (Grid ref. 961890)

0.0-0.9 CLAY: brown, slightly plastic, weak; sandy

0.9-4.5 CLAY: brown, semi-plastic, moderately strong; sandy (medium-grained); common quartz pebbles to 10 mm and ironstone pebbles to 15 mm

PSM 23 (Grid ref. 955907)

0.0-0.9 CLAY: black, dark brown, slightly plastic, weak; sandy (coarse-grained)

0.9-4.5 CLAY: dark grey, black, semi-plastic to plastic, strong; sandy

PSM 24 (Grid ref. 953899)

0.0-1.8 CLAY: grey, brown, semi-plastic to plastic, moderately strong; sandy; occasional quartz pebbles to 10 mm

* 1.8-4.5 CLAY: light brown, grey, slightly plastic, weak; slightly sandy (fine-grained)

PSM 25 (Grid ref. 958893)

0.0-1.8 CLAY: khaki, grey, brown, semi-plastic, moderately strong; sandy (fine-grained)

1.8-3.6 CLAY: brown, grey, slightly plastic, weak; sandy (fine-grained)

3.6-4.5 CLAY: grey, plastic, weak; sandy (fine-grained)

PSM 26 (Grid ref. 946900)

0.0-0.9 CLAY: grey, brown, slightly plastic, weak; sandy (fine-grained)

0.9-2.7 CLAY: khaki, grey, plastic, weak; sandy (fine and coarse-grained)

2.7-4.5 SAND: light brown, fine-grained; clayey; silty; semi consolidated

PSM 27 (Grid ref. 942887)

0.0-4.5 CLAY: khaki, brown, grey, semi-plastic; moderately strong; sandy (fine to coarse-grained); common quartz and ironstone pebbles to 10 mm

* Clay firing tests carried out, see elsewhere for results.

PSM 28 (Grid ref. 944895)

- 0.0-2.7 CLAY: grey, red-brown, brown, semi-plastic, moderately strong; sandy (medium-grained); common quartz pebbles to 10 mm
- 2.7-3.6 CLAY: khaki, brown, semi-plastic, weak; sandy (coarse-grained)
- * 3.6-6.4 CLAY: light brown, grey, semi-plastic to plastic, moderately strong; slightly sandy to 6.3 m then sandy (fine to medium-grained)

PSM 29 (Grid ref. 937902)

- 0.0-0.9 CLAY: light brown, orange, grey, plastic, moderately strong; sandy (fine-grained)
- * { 0.9-3.6 CLAY: light brown, plastic, moderately strong; slightly sandy (fine-grained)
- { 3.6-6.4 CLAY: brown, grey, plastic, moderately strong; becoming sandy at 6.4 m
- Water at 3.0 m

PSM 30 (Grid ref. 920895)

- 0.0-1.8 SHALE: light brown, weathered; slightly clayey; common quartz pebbles to 20 mm

PSM 31 (Grid ref. 923898)

- 0.0-0.9 CLAY: dark brown, slightly plastic, weak; sandy; common quartz pebbles to 30 mm
- 0.9-4.5 CLAY: light brown, grey, plastic, moderately strong; sandy (fine to medium-grained); common quartz pebbles to 15 mm

PSM 32 (Grid ref. 931901)

- 0.0-0.5 SAND: light brown, fine-grained
- 0.5-1.8 CLAY: khaki, brown, plastic, weak; sandy; common quartz pebbles to 10 mm
- 1.8-4.5 CLAY: light brown, grey, slightly plastic, weak; sandy; common quartz pebbles to 10 mm

PSM 33 (Grid ref. 923903)

- 0.0-0.9 CLAY: brown, slightly plastic, weak; sandy
- 0.9-1.8 SHALE: brown, weathered; slightly clayey

* Clay firing tests carried out, see elsewhere for results.

PSM 34 (Grid ref. 926910)

0.0-3.6 SHALE: light brown; slightly clayey

PSM 35 (Grid ref. 936908)

0.0-0.5 SAND: grey, fine-grained

0.5-0.9 CLAY: light brown, light orange, plastic; slightly sandy (fine-grained)

0.9-2.7 CLAY: light brown, slightly plastic, weak; sandy (fine-grained)

2.7-4.5 SHALE: light brown; slightly clayey

PSM 36 (Grid ref. 918914)

0.0-3.6 SHALE: light brown to grey-brown; slightly clayey

PSM 37 (Grid ref. 918918)

0.0-0.9 SOIL: grey

0.9-1.8 CLAY: orange, brown, slightly plastic, weak; sandy (fine-grained)

1.8-2.7 SHALE: light grey-brown

PSM 38 (Grid ref. 924918)

0.0-4.5 SHALE: light yellow-brown

PSM 39 (Grid ref. 932916)

0.0-4.5 SANDSTONE: light brown, weathered

PSM 40 (Grid ref. 941912)

0.0-9.1 SAND: grey, fine to medium-grained; clayey

9.1-1.8 CLAY: mottled brown, grey, red, slightly plastic, weak; very sandy

1.8-4.5 CLAY: dark brown, slightly plastic, weak; very sandy (medium-grained)

PSM 41 (Grid ref. 948907)

0.0-1.8 CLAY: red-brown, slightly plastic, weak; sandy

* 1.8-7.3 CLAY: grey, brown, plastic, strong becoming moderately strong; slightly sandy (fine-grained)

* 7.3-9.4 CLAY: light grey, brown, plastic, moderately strong; slightly to moderately sandy (fine to medium-grained)

PSM 42 (Grid ref. 964900)

0.0-1.7 SANDSTONE: light brown, brown, weathered

* Clay firing tests carried out, see elsewhere for results.

PSM 43 (Grid ref. 962899)

- | | | |
|-------------|-------|--|
| 0.0-1.8 | CLAY: | dark brown, grey, semi-plastic, weak;
sandy (fine to medium-grained) |
| 1.8-2.7 | CLAY: | brown, grey, semi-plastic, moderately
strong; sandy |
| * 2.7-5.5 | CLAY: | light khaki, brown, plastic, mod-
erately strong; slight to moderat-
ely sandy |
| * 5.5-10.1 | CLAY: | light brown, brown, plastic mod-
erately strong; slightly sandy |
| * 10.1-11.9 | CLAY: | dark grey, plastic, strong; from
11.0 m charcoal |


Water at 11.0 m

* Clay firing tests carried out, see elsewhere for results.

DRILLING REPORT

PROJECT CAMP MOUNTAIN QUARRY ROCK INVESTIGATION JOB NO.
 LOCALITY Camp Mountain HOLE NO. CM 2
 CO-ORDINATES 884687 SAMFORD 1:50 000 DATUM
 BEARING INCLINATION Vertical R.L. COLLAR
 CORE SIZE NQWL 3.75-10.37 m R.L. GROUND SURFACE
 R.L. ROCK SURFACE
 CASING R.L. BOTTOM OF HOLE

% CORE RECOVERY AND RUNS	DEPTH (m)	R.L.	WEATHERING	GEOLOGICAL DESCRIPTION	SYMBOLIC LOG	STRUCTURES <small>(Joints: relief, scars, shivered zones, crushed zones etc.)</small>	FRACTURE LOG	R.Q.D.	TESTS	% DRILL LOSS	WATER PRESSURE TESTS
	3.75			OPEN HOLE							
	6.87			NO RECOVERY							
	7.53			GRANODIORITE: grey mottled, coarse grained	GD	Joints iron stained Occasional dark grey fine grained xeno- liths					
	9.15										
	9.35										
	10.37			END OF HOLE							

Remarks WEATHERING O Decomposed CW Completely weathered HW Highly weathered MW Moderately weathered SW Slightly weathered F Fresh FRACTURE LOG Natural fractures per metre of core 		NOTES 1. All depths quoted with respect to ground surface measured along hole axis 2. Angles of planar features quoted with respect to hole axis. ENGINEERING GEOLOGY SECTION Driller <u>F. Boyle</u> Logged <u>M.L. O'Flynn</u> Plant <u>Longyear 38</u> Date Started <u>Oct 1979</u> Drawn Finished <u>Oct 1979</u> Approved Sheet <u>1</u> of <u>1</u>	
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DEPARTMENT OF MINES
GEOLOGICAL SURVEY OF QUEENSLAND

DRILLING REPORT

PROJECT CAMP MOUNTAIN QUARRY ROCK INVESTIGATION JOB NO. _____
 LOCALITY Camp Mountain HOLE NO. CM 3
 CO-ORDINATES 884687 SAMFORD 1:50 000 DATUM _____
 BEARING _____ INCLINATION Vertical R.L. COLLAR _____
 CORE SIZE NOWL 3.65-7.87 m R.L. GROUND SURFACE _____
 R.L. ROCK SURFACE _____
 CASING _____ R.L. BOTTOM OF HOLE _____

% CORE RECOVERY AND RUNS	DEPTH(M) 1:100	R.L.	WEATHERING CLASSIFIED	GEOLOGICAL DESCRIPTION	SYMBOLIC LOG	STRUCTURES <small>(joints, veins, seams, shaled zones, crushed zones etc.)</small>	FRACTURE LOG	R.Q.D.	TESTS	% DRILL LOSS	WATER PRESSURE TESTS
				OPEN HOLE (cuttings of sandy medium to coarse grained micaceous clay)							
	3.65										
	4.15			GRANODIORITE: yellow- brown, mottled, coarse-grained	GD						
	5.00			Grey, mottled, coarse grained							
	7.87			END OF HOLE							

Remarks _____

NOTES 1. All depths quoted with respect to ground surface measured along hole axis.
 2. Angles of planar features quoted with respect to hole axis.

WEATHERING		WATER PRESSURE TESTS		WATER LEVEL		ENGINEERING GEOLOGY SECTION	
O Decomposed				One	Depth	Driller <u>F. Boyle</u>	Logged <u>M.L. O'Flynn</u>
CW Completely weathered						Plant <u>Longyear 38</u>	Drawn _____
HW Highly weathered						Started _____	Approved _____
MW Moderately weathered						Finished <u>Oct 1979</u>	Sheet <u>1</u> of <u>1</u>
SW Slightly weathered							
F Fresh							

FRACTURE LOG
 Number fractures per metre of core

Double packer
 Single packer

REDLAND SHIRE

RS SeriesRS 8 (Grid Ref. 209587)

0.0 - 0.9	SOIL:	dark brown, clayey
0.9 - 1.8	CLAY:	khaki, plastic, weak; very sandy (fine to coarse-grained)
1.8 - 2.7	CLAY:	khaki, slightly plastic, weak; very sandy (fine to coarse-grained)

RS 9 (Grid Ref. 190595)

0.0 - 0.9	SOIL:	brown; sandy (fine to medium-grained)
	CLAY:	khaki, grey, plastic, moderately strong; rare ironstone and quartz pebbles to 50 mm
0.9 - 2.7	CLAY:	khaki, light brown, slightly plastic, weak; sandy (fine to medium-grained)

RS 98 (Grid Ref. 250587)

0.0 - 0.9	CLAY:	grey, brown, slightly plastic, weak; loamy
0.9 - 1.5	CLAY:	brown, orange, slightly plastic, weak; moderately sandy (fine to coarse-grained), rare ironstone pebbles to 10 mm

1.5 - 1.8	BASALT:	
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Water at 0.9 m

RS 99 (Grid Ref. 249584)

0.0 - 1.8	CLAY:	brown, red, slightly plastic, weak; rare quartzite pebbles; rare ironstone pebbles
1.8 - 4.6	CLAY:	brown, red, grey, slightly plastic, weak

RS 101

0.0 - 0.9	SAND:	khaki, fine to medium-grained, very loamy
+ 0.9 - 1.8	SAND:	khaki, grey, fine to coarse-grained; moderately clayey
+ 1.8 - 2.7	SAND:	khaki-grey, fine to coarse-grained, clayey
2.7 - 3.7	SAND:	khaki-grey, grey, fine to coarse-grained; very clayey
3.7 - 4.6	CLAY:	reddish-brown, grey, orange, plastic, strong; sandy (medium to coarse-grained)
4.6 - 7.3	SAND:	grey, fine to very coarse-grained; very clayey; rare quartzite pebbles to 5 mm

Water at 0.9 m

+ Sand sieve analysis carried out, see elsewhere for results.

RS 102 (Grid Ref. 242587)

- 0.0 - 1.8 CLAY: red, slightly plastic, weak, very sandy (medium to coarse-grained); rare quartzite pebbles to 5 mm; flows when augered
- * 1.8 - 4.6 CLAY: grey, khaki, plastic, strong
- 4.6 - 5.5 CLAY: grey, khaki, plastic, strong; 30% decomposed basalt pebbles; flows when augered
- 5.5 - 6.4 CLAY: grey, brown, khaki, semi-plastic, moderately strong; 50% decomposed basalt pebbles; flows when augered

Water at 1.2 m

RS 108 (Grid Ref. 242585)

- * 0.0 - 1.8 CLAY: khaki-brown, plastic, weak; flows when augered
- * 1.8 - 2.7 CLAY: khaki-brown, plastic, weak; rare decomposed basalt pebbles to 30 mm; flows when augered
- * 2.7 - 3.7 CLAY: khaki-brown, light grey, green red, plastic, strong; 10% ironstone pebbles to 20 mm; rare clay pods to 5 mm; flows when augered
- * 3.7 - 4.6 CLAY: red, khaki-brown, grey-green, plastic, strong; rare ironstone pebbles to 5 mm; flows when augered

Water at 0.9 m

RS 109 (Grid Ref. 232593)

- 0.0 - 0.9 CLAY: brown, semi-plastic, weak; loamy; flows when augered
- * 0.9 - 1.8 CLAY: brown, red, orange, semi-plastic, weak; 40% ironstone pebbles to 5 mm; flows when augered
- * 1.8 - 2.7 CLAY: grey, brown, red, semi-plastic, weak; 10% ironstone pebbles to 5 mm; flows when augered
- * 2.7 - 3.7 CLAY: grey, reddish brown, plastic, moderately strong; 10% ironstone pebbles to 10 mm; flows when augered
- * 3.7 - 6.4 CLAY: grey-green, red, orange, plastic, strong; 10% ironstone pebbles to 10 mm; flows when augered

Water at 0.2 m

- * Clay firing tests carried out, see elsewhere for results.

RS 110 (Grid Ref. 226591)

0.0 - 0.9	CLAY:	brown, black, slightly plastic, weak; very loamy
0.9 - 1.8	CLAY:	khaki, semi-plastic, weak
* 1.8 - 2.7	CLAY:	brown, grey, plastic, weak; flows when augered
* 2.7 - 3.7	CLAY:	grey, brown, orange, khaki, plastic, moderately strong; flows when augered
3.7 - 4.6	CLAY:	dark grey, dark brown, red, orange, plastic, strong; 20% ironstone pebbles to 5 mm; flows when augered

Water at 1.2 m

RS 111 (Grid Ref. 215591)

0.0 - 0.9	CLAY:	dark grey-brown, khaki, semi-plastic, weak
0.9 - 1.8	CLAY:	khaki, grey, semi-plastic, weak
1.8 - 2.7	CLAY:	khaki, grey, slightly plastic, weak; rare ironstone pebbles, flows when augered
2.7 - 3.7	BASALT:	khaki, grey, orange, decomposed; rare ironstone pebbles; slightly clayey; flows when augered

Water at 1.8 m

RS 112 (Grid Ref. 214594)

0.0 - 0.9	SOIL:	brown; sandy; slightly clayey
0.9 - 1.8	CLAY:	orange-brown, slightly plastic, weak; very sandy (coarse-grained); flows when augered
* 1.8 - 2.7	CLAY:	khaki, grey, orange plastic, strong; flows when augered
2.7 - 3.7	CLAY:	red, grey, semi-plastic, moderately strong; 20% ironstone pebbles to 5 mm; flows when augered
3.7 - 4.6	CLAY:	orange, slightly plastic, moderately strong; very sandy (coarse-grained); flows when augered

Water at 0.9 m

* Clay firing tests carried out, see elsewhere for results.

RS 113 (Grid Ref. 189598)

- 0.0 - 1.8 CLAY: brown, khaki, grey, semi-plastic, weak; sandy (fine to coarse-grained)
- * 1.8 - 2.7 CLAY: grey, red, brown, orange, semi-plastic, moderately strong; rare ironstone pebbles to 5 mm
- * 2.7 - 4.6 CLAY: grey, khaki, semi-plastic, weak; slightly sandy (fine-grained)
- 4.6 - 5.5 MUDSTONE: red, orange
- Water at 1.2 m

RS 114 (Grid Ref. 193594)

- * 0.0 - 1.8 CLAY: grey, khaki, red, plastic, weak; rare basalt pebbles
- 1.8 - 2.7 CLAY: khaki, non-plastic, weak; 40% basalt pebbles to 10 mm

RS 115 (Grid Ref. 195596)

- 0.0 - 0.9 CLAY: brown, grey, khaki, orange, plastic, weak
- * 0.9 - 5.5 CLAY: grey, plastic, moderately strong
- 5.5 - 6.4 CLAY: grey, plastic, weak; 40% basalt pebbles to 5 mm
- Water at 6.1 m

RS 116 (Grid Ref. 197598)

- 0.0 - 1.8 CLAY: brown, grey, khaki, plastic, weak
- * 1.8 - 4.6 CLAY: khaki-grey, plastic, weak
- Water at 4.0 m

RS 117 (Grid Ref. 192583)

- 0.0 - 0.9 CLAY: brown, grey, orange, plastic, weak; very loamy
- 0.9 - 3.7 CLAY: grey, red, khaki, plastic, weak; rare ironstone pebbles to 5 mm
- * 3.7 - 6.1 CLAY: grey, orange, red, brown, semi-plastic, moderately strong
- * 6.1 - 8.2 CLAY: red, grey, yellow, plastic, moderately strong

- * Clay firing tests carried out, see elsewhere for results.