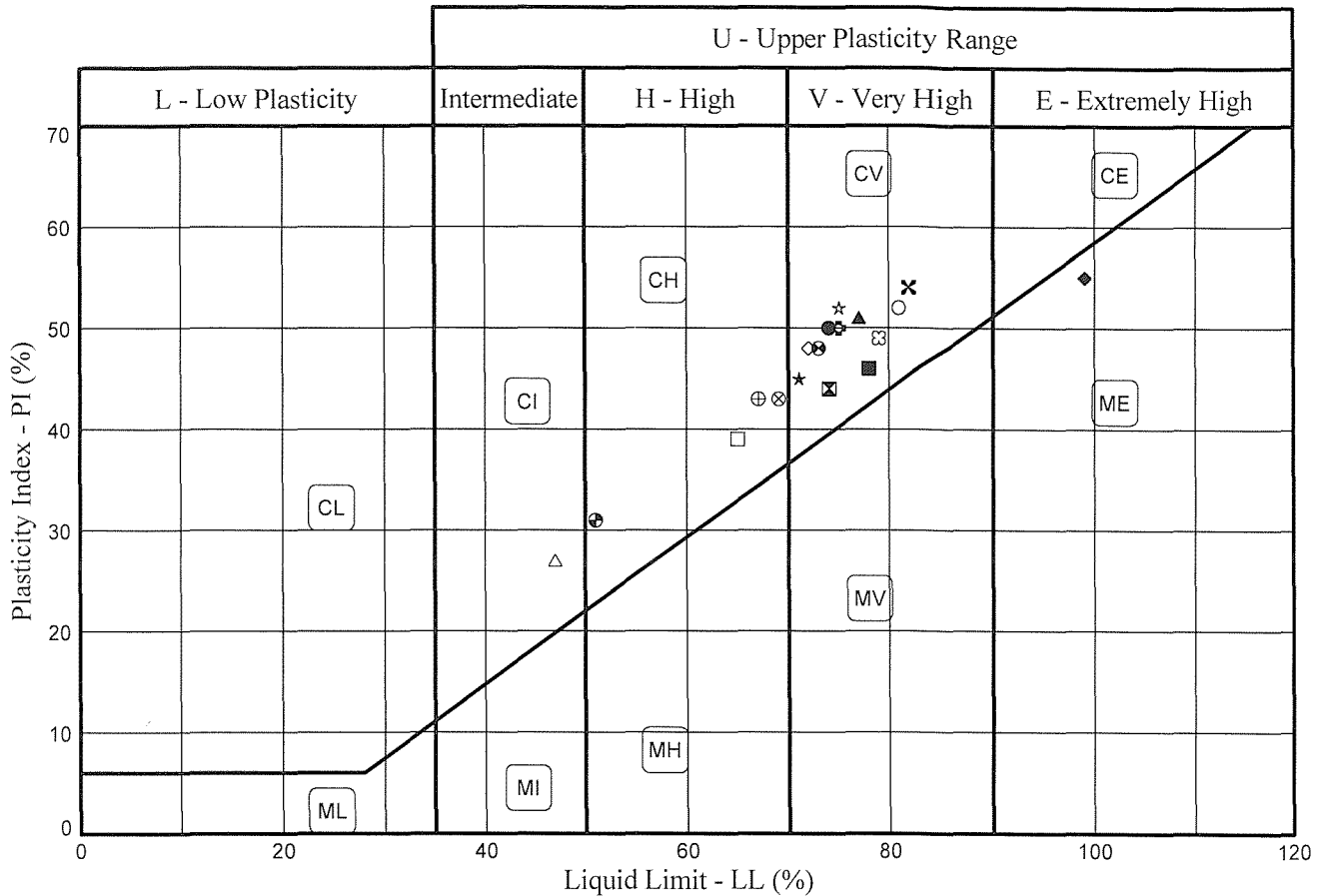


PLASTICITY CHART - PI Vs LL

In accordance with clause 42.3 of BS5930:1981
Testing in accordance with clauses 3.2,4.3,4.4,5.3,5.4 of BS1377:Part 2:1990



Sample Identification				MC	LL	PL	PI	<425um	Specimen Description	
HoleID	Sample	Depth	%	%	%	%	%			
●	BH1	2B	0.70	33	74	24	50	88	Grey mottled brown slightly gravelly CLAY.	
⊗	BH1	6B	1.60	31	74	30	44	71	Grey mottled brown slightly sandy slightly gravelly CLAY.	
▲	BH1	7aD	2.30	23	77	26	51	44	Yellowish brown mottled grey gravelly CLAY.	
★	BH1	U1U	2.46	24	71	26	45	91	Brown mottled grey slightly gravelly CLAY.	
⊗	BH1	U1U	2.54	31	82	28	54	69	Brown mottled orange and greenish grey slightly gravelly CLAY.	
⊕	BH1	U1U	2.66	31	75	25	50	94	Greenish grey mottled yellowish brown and grey slightly gravelly CLAY.	
○	BH1	11B	3.60	32	81	29	52	93	Brown mottled grey slightly sandy slightly gravelly CLAY.	
△	BH1	16B	5.90	22	47	20	27	93	Grey mottled yellowish brown slightly gravelly CLAY.	
⊗	BH1	18B	6.80	26	69	26	43	78	Dark grey mottled yellowish brown CLAY with some gypsum.	
⊕	BH1	21B	8.00	26	67	24	43	96	Dark grey slightly gravelly CLAY.	
□	BH1	24B	9.80	32	65	26	39	83	Dark grey mottled yellowish brown slightly gravelly slightly sandy CLAY.	
⊗	BH2	2B	0.60	31	73	25	48	78	Brown mottled grey slightly gravelly slightly sandy CLAY.	
⊕	BH2	3B	0.95	11	51	20	31	27	Grey mottled reddish brown very clayey GRAVEL.	*
☆	BH2	6B	2.00	34	75	23	52	78	Yellowish brown mottled dark grey slightly gravelly CLAY.	
⊗	BH2	9D	3.50	37	79	30	49	98	Dark brown slightly sandy slightly gravelly CLAY.	
■	BH2	11D	4.40	35	78	32	46	91	Dark grey mottled yellowish brown slightly gravelly CLAY.	
◆	BH2	14B	5.50	92	99	44	55	96	Grey mottled black slightly sandy slightly gravelly organic SILT.	
◇	BH2	15/U2U	6.00	28	72	24	48	91	Grey mottled brown slightly gravelly CLAY.	

* Non-standard test

Approved Signatories: D. TROWBRIDGE A. FROST F. HAMILTON L. MARTIN



STRUCTURAL SOILS

The Old School
Stillhouse Lane
Bedminster
Bristol BS3 4EB

Compiled By

[Signature]

Date

17/06/08

Checked By

[Signature]

Date

17/6/08

Contract

A303 Horton

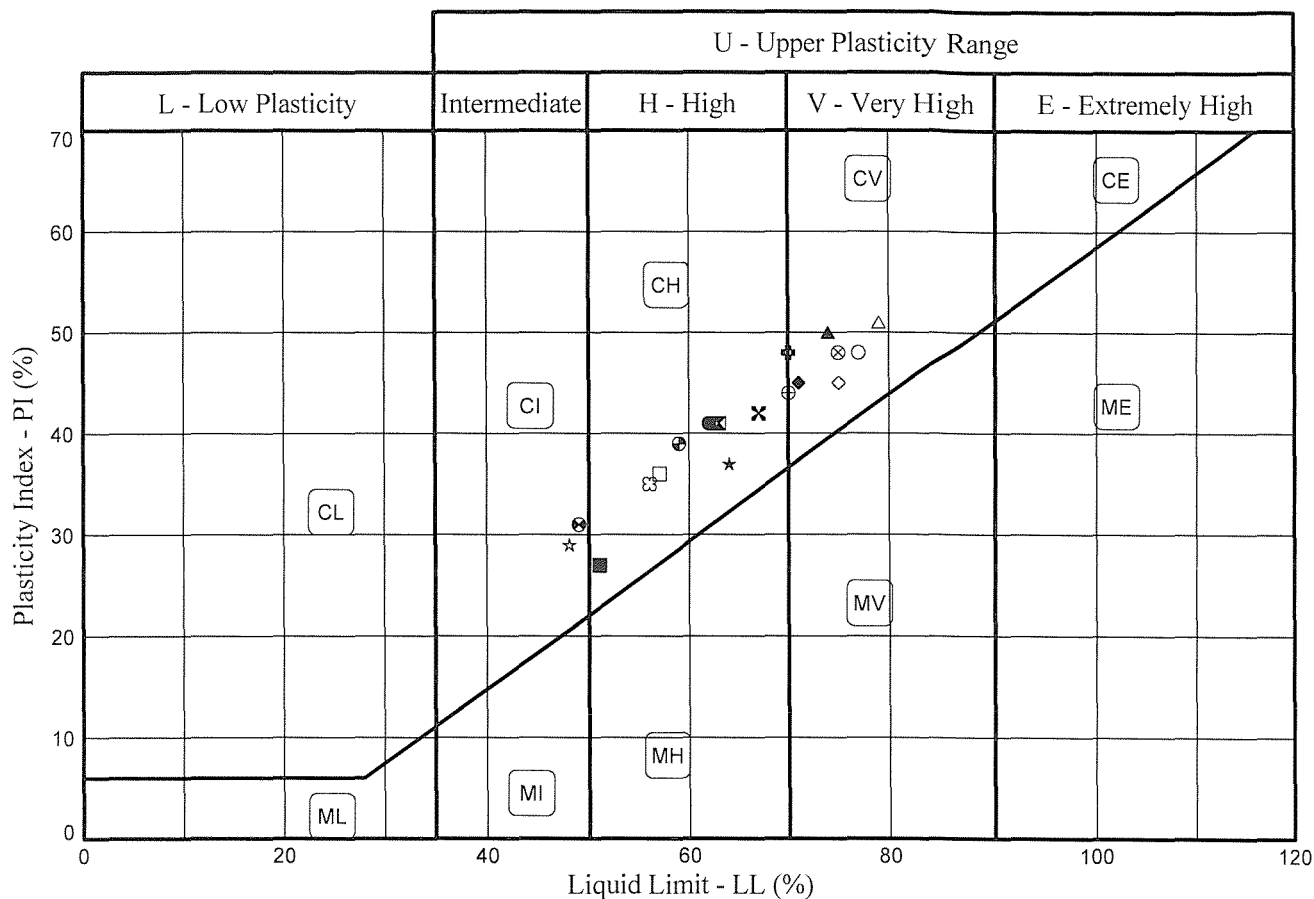
Job No

721450



PLASTICITY CHART - PI Vs LL

In accordance with clause 42.3 of BS5930:1981
Testing in accordance with clauses 3.2,4.3,4.4,5.3,5.4 of BS1377:Part 2:1990



Sample Identification			MC	LL	PL	PI	<425um	Specimen Description
HoleID	Sample	Depth	%	%	%	%	%	
●	BH2	15/U2U 6.10	28	62	21	41	85	Brown mottled grey slightly gravelly slightly sandy CLAY.
⊠	BH2	15/U2U 6.22	26	63	22	41	75	Brown mottled light brown and grey slightly gravelly CLAY.
▲	BH2	19B 7.60	33	74	24	50	98	Grey slightly sandy CLAY with occasional gypsum.
★	BH2	22B 9.20	27	64	27	37	96	Grey CLAY with occasional gypsum.
✕	BH2	27B 11.50	26	67	25	42	100	Grey CLAY.
⊕	BH3	1B 0.50	30	70	22	48	73	Brown mottled orange and grey slightly sandy slightly gravelly CLAY.
○	BH3	6B 1.80	36	77	29	48	98	Brown mottled dark grey slightly gravelly CLAY.
△	BH3	U1U 2.56	59	79	28	51	85	Grey mottled yellowish brown slightly gravelly CLAY.
⊗	BH3	U1U 2.65	60	75	27	48	62	Greenish grey mottled grey gravelly CLAY.
⊕	BH3	U1U 2.75	37	70	26	44	91	Brown mottled yellowish brown and grey slightly gravelly CLAY.
□	BH3	10D 4.20	32	57	21	36	90	Grey mottled orangish brown slightly gravelly CLAY.
⊗	BH3	12B 5.00	18	49	18	31	79	Orangish brown mottled grey slightly sandy slightly gravelly CLAY.
⊕	BH3	U2U 6.06	27	59	20	39	68	Brown mottled grey slightly gravelly CLAY.
☆	BH3	U2U 6.26	15	48	19	29	77	Grey mottled light brown slightly gravelly CLAY.
⊗	BH3	U2U 6.32	17	56	21	35	89	Grey mottled yellowish brown slightly gravelly CLAY.
■	BH4	2D 0.65	9.6	51	24	27	24	Grey mottled reddish brown very clayey GRAVEL. *
◆	BH4	3D 1.00	35	71	26	45	91	Grey mottled yellowish brown slightly gravelly CLAY. *
◇	BH4	6B 1.80	30	75	30	45	98	Dark grey mottled brown slightly gravelly CLAY.

* Non-standard test

Approved Signatories: D. TROWBRIDGE A. FROST F. HAMILTON L. MARTIN



STRUCTURAL SOILS

The Old School
Stillhouse Lane
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Job No

721450

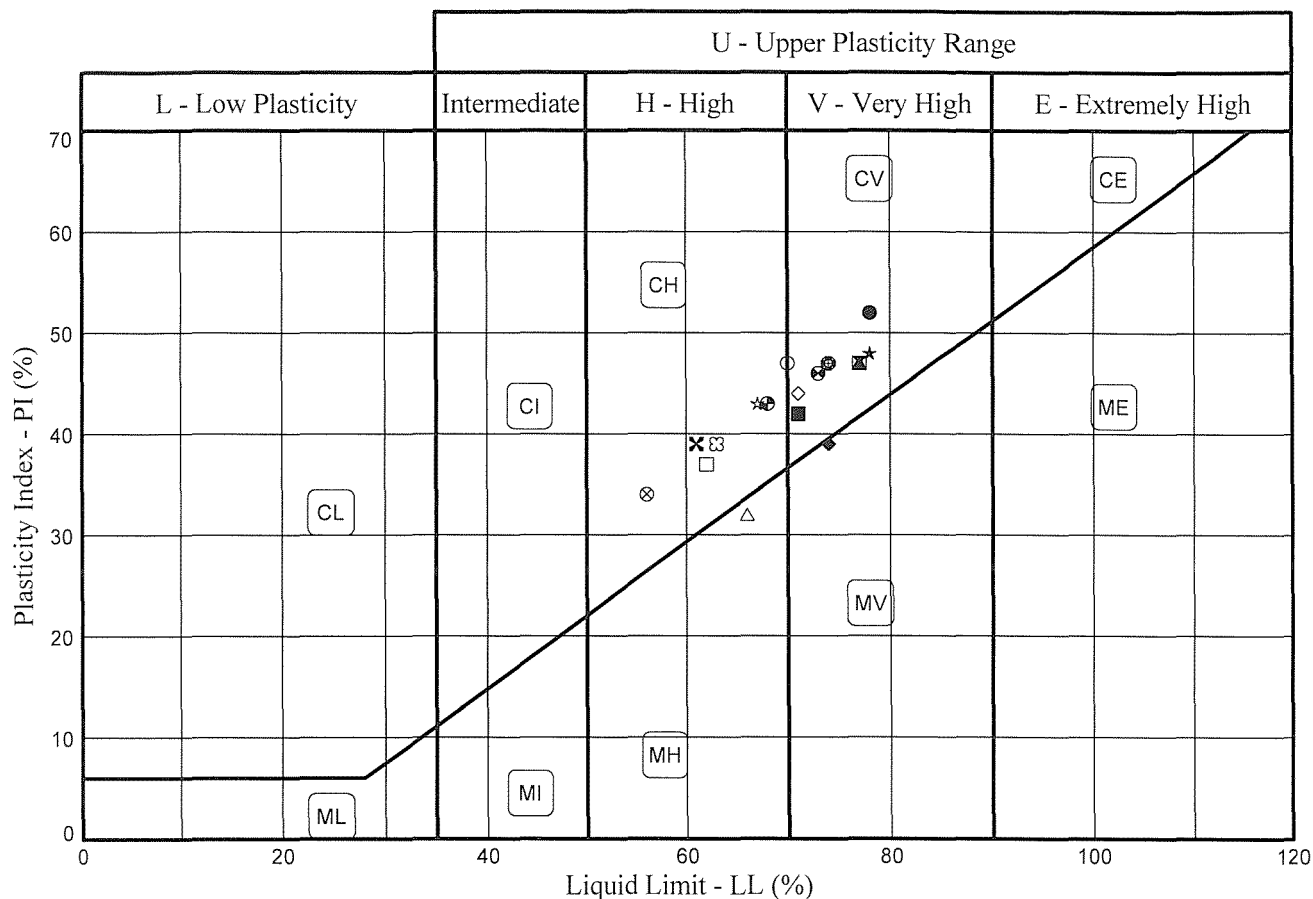
Date

17/6/08



PLASTICITY CHART - PI Vs LL

In accordance with clause 42.3 of BS5930:1981
Testing in accordance with clauses 3.2,4.3,4.4,5.3,5.4 of BS1377:Part 2:1990



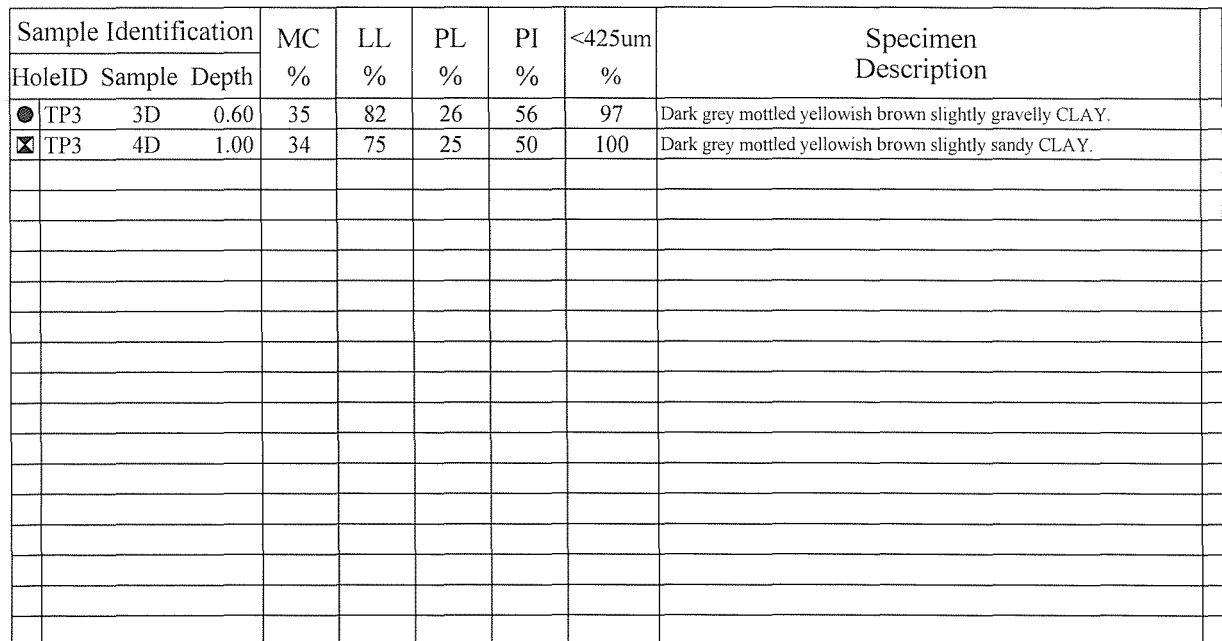
Sample Identification			MC	LL	PL	PI	<425um	Specimen Description		
HoleID	Sample	Depth	%	%	%	%	%			
●	BH4	UIU	2.60	32	78	26	52	100	Brown mottled green and grey CLAY.	
⊠	BH4	UIU	2.76	33	77	30	47	93	Brown mottled green and grey slightly gravelly CLAY.	
▲	BH4	UIU	2.83	32	77	30	47	88	Dark grey mottled green and brown slightly gravelly slightly sandy CLAY.	
★	BH4	8B	3.20	35	78	30	48	86	Dark grey slightly sandy slightly gravelly CLAY.	
✕	BH4	11B	4.00	17	61	22	39	45	Dark brown mottled grey gravelly CLAY.	*
⊕	BH4	14B	4.70	34	74	27	47	100	Dark grey mottled yellowish brown slightly sandy CLAY.	
○	BH4	16B	5.90	30	70	23	47	81	Dark grey mottled yellowish brown CLAY with some gypsum.	
△	TP1	1D	0.10	64	66	34	32	87	Brown slightly gravelly organic SILT.	*
⊗	TP1	2D	0.30	28	56	22	34	81	Light brown mottled grey slightly gravelly CLAY.	
⊕	TP1	4D	1.00	31	74	27	47	94	Dark grey mottled yellowish brown slightly gravelly CLAY.	
□	TP2	1D	0.15	29	62	25	37	78	Brown mottled yellowish brown slightly gravelly CLAY.	
⊗	TP2	2D	0.30	28	73	27	46	63	Grey mottled yellowish brown gravelly CLAY.	
⊕	TP2	3D	0.60	27	68	25	43	98	Dark grey mottled yellowish brown slightly gravelly CLAY.	
☆	TP2	4D	1.00	32	67	24	43	98	Dark brown mottled yellowish brown slightly gravelly CLAY.	
⊗	TP2	5D	1.35	26	63	24	39	92	Dark grey mottled yellowish brown slightly gravelly CLAY.	
■	TP2	5D	1.50	35	71	29	42	77	Dark grey mottled yellowish brown slightly sandy CLAY with some gypsum.	
◆	TP3	1D	0.10	44	74	35	39	86	Dark brown slightly gravelly SILT.	
◇	TP3	2D	0.20	35	71	27	44	92	Orangish brown mottled grey slightly gravelly CLAY.	*

* Non-standard test

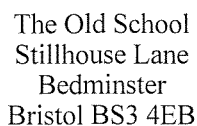
Approved Signatories: D. TROWBRIDGE A. FROST F. HAMILTON L. MARTIN

 STRUCTURAL SOILS The Old School Stillhouse Lane Bedminster Bristol BS3 4EB	Compiled By <i>[Signature]</i>	Date 17/06/08	Checked By <i>[Signature]</i>	Date 17/6/08
	Contract A303 Horton		Job No 721450	

In accordance with clause 42.3 of BS5930:1981
Testing in accordance with clauses 3.2,4.3,4.4,5.3,5.4 of BS1377:Part 2:1990



Approved Signatories: D. TROWBRIDGE A. FROST F. HAMILTON L. MARTIN



721450

