



4041

TEST CERTIFICATE

Determination of Liquid and Plastic Limits

Tested in Accordance with BS1377-2: 1990: Clause 4.4 & 5: One Point Method

i2 Analytical Ltd
7 Woodshots Meadow
Croxley Green Business Park
Watford Herts WD18 8YS



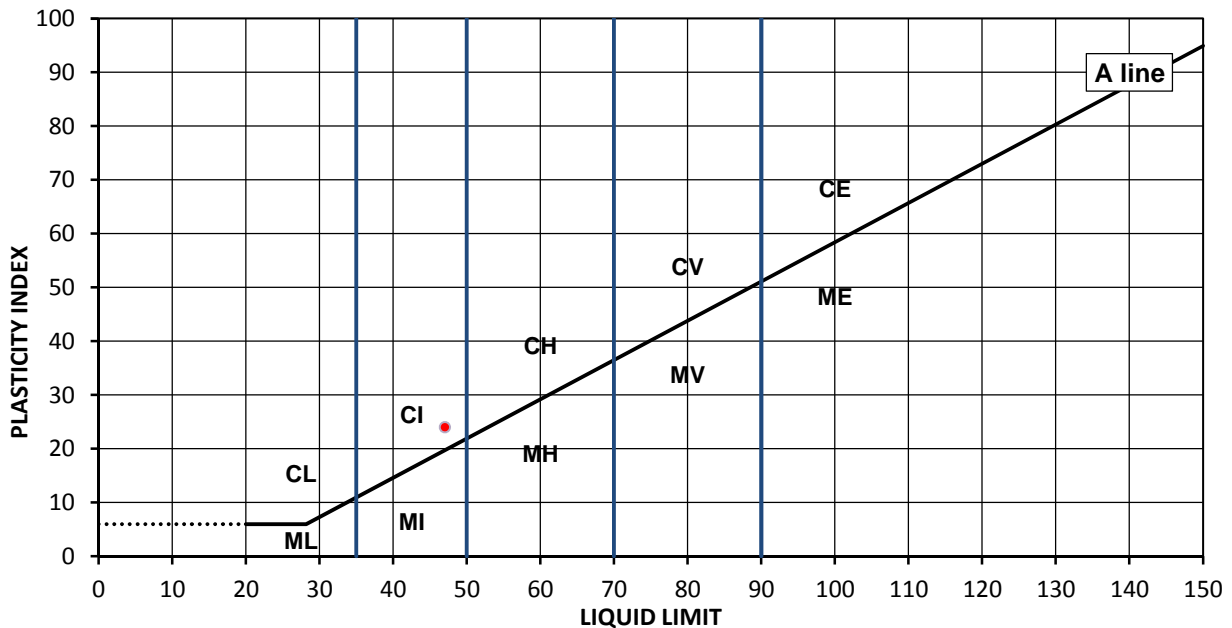
Client: LMB Geosolutions Ltd
Client Address: 28 Dresden Road
London
N19 3BD
Contact: Philip Lewis
Site Name: Castlewood House
Site Address: Not Given

Client Reference: LMB-CASTLEWOOD
Job Number: 18-92021
Date Sampled: 27/06/2018
Date Received: 20/06/2018
Date Tested: 17/07/2018
Sampled By: PIL/DN

Test Results

Laboratory Reference: 998174
Hole No.: BHDA101
Sample Reference: Not Given
Soil Description: Yellowish brown slightly sandy CLAY
Sample Preparation: Tested in natural condition
Depth Top [m]: 17.00
Depth Base [m]: Not Given
Sample Type: U

As Received Moisture Content [%]	Liquid Limit [%]	Plastic Limit [%]	Plasticity Index [%]	% Passing 425µm BS Test Sieve
20	47	23	24	100



Legend, based on BS 5930:2015 Code of practice for site investigations

C	Clay	Plasticity	Liquid Limit
M	Silt	L	below 35
		I	35 to 50
		H	50 to 70
		V	70 to 90
		E	exceeding 90
	Organic	O	append to classification for organic material (eg CHO)

Remarks:

Approved:

Dariusz Piotrowski
PL Laboratory
Manager
Date Reported: 20/07/2018

Signed:

Darren Berrill
Geotechnical General
Manager

for and on behalf of i2 Analytical Ltd

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Site Address: Not Given

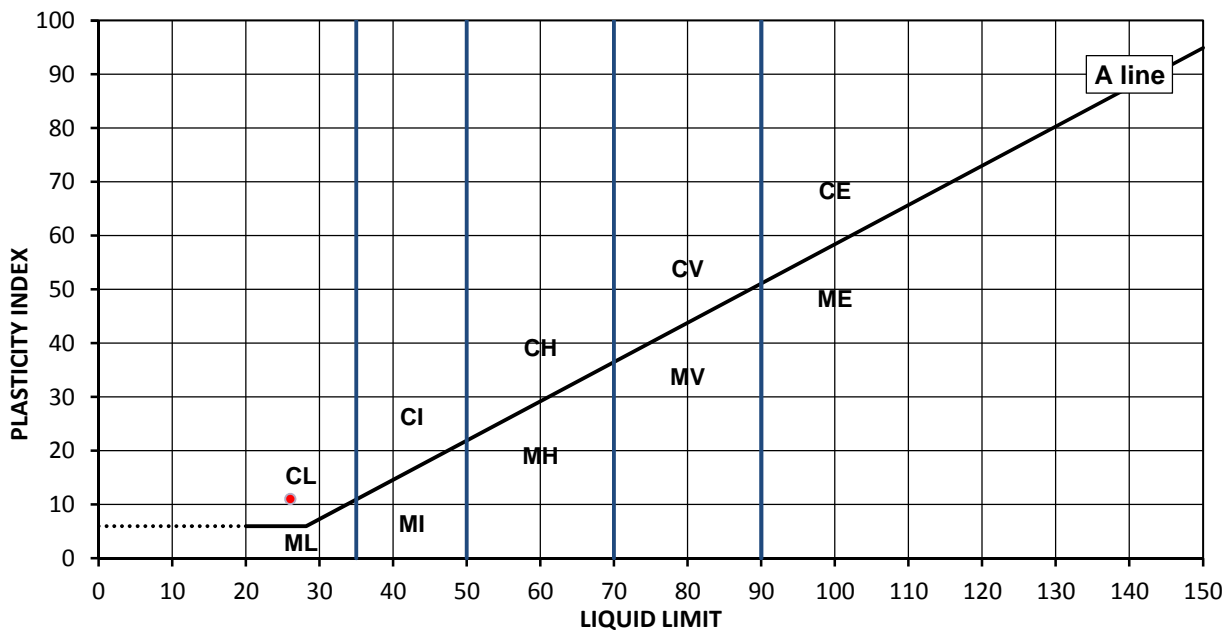
Client Reference: LMB-CASTLEWOOD
Job Number: 18-92021
Date Sampled: 28/06/2018
Date Received: 20/06/2018
Date Tested: 17/07/2018
Sampled By: PIL/DN

Test Results

Laboratory Reference: 998177
Hole No.: BHDA101
Sample Reference: Not Given
Soil Description: Brown to grey clayey SAND
Sample Preparation: Tested in natural condition

Depth Top [m]: 26.00
Depth Base [m]: Not Given
Sample Type: U

As Received Moisture Content [%]	Liquid Limit [%]	Plastic Limit [%]	Plasticity Index [%]	% Passing 425µm BS Test Sieve
12	26	15	11	100



Legend, based on BS 5930:2015 Code of practice for site investigations

C	Clay	Plasticity	Liquid Limit
M	Silt	L	below 35
		I	35 to 50
		H	50 to 70
		V	70 to 90
		E	exceeding 90
	Organic	O	append to classification for organic material (eg CHO)

Remarks:

Approved:

Dariusz Piotrowski
PL Laboratory
Manager
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Signed:

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Site Address: Not Given

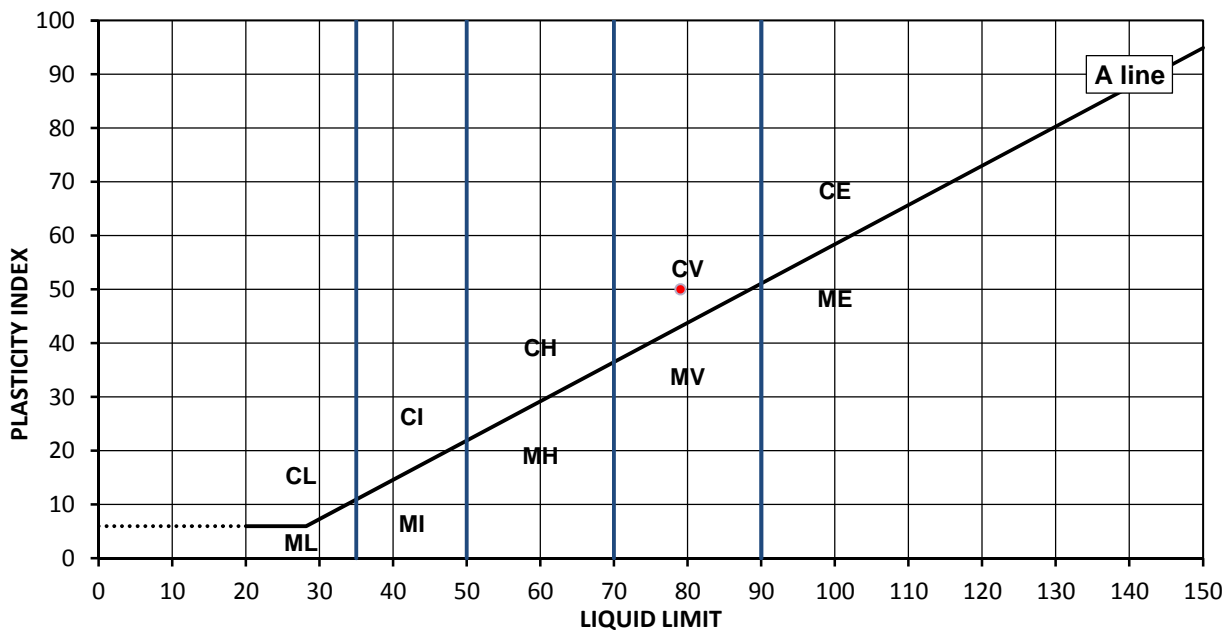
Client Reference: LMB-CASTLEWOOD
Job Number: 18-92021
Date Sampled: 18/06/2018
Date Received: 20/06/2018
Date Tested: 16/07/2018
Sampled By: PIL/DN

Test Results

Laboratory Reference: 998184
Hole No.: BHDA102
Sample Reference: Not Given
Soil Description: Dark brown CLAY
Sample Preparation: Tested in natural condition

Depth Top [m]: 9.00
Depth Base [m]: Not Given
Sample Type: D

As Received Moisture Content [%]	Liquid Limit [%]	Plastic Limit [%]	Plasticity Index [%]	% Passing 425µm BS Test Sieve
26	79	29	50	100



Legend, based on BS 5930:2015 Code of practice for site investigations

C	Clay	Plasticity	Liquid Limit
M	Silt	L	Low
		I	Medium
		H	High
		V	Very high
		E	Extremely high
	Organic	O	append to classification for organic material (eg CHO)

Remarks:

Approved:

Dariusz Piotrowski
PL Laboratory
Manager
Date Reported: 20/07/2018

Signed:

Darren Berrill
Geotechnical General
Manager

for and on behalf of i2 Analytical Ltd

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Site Address: Not Given

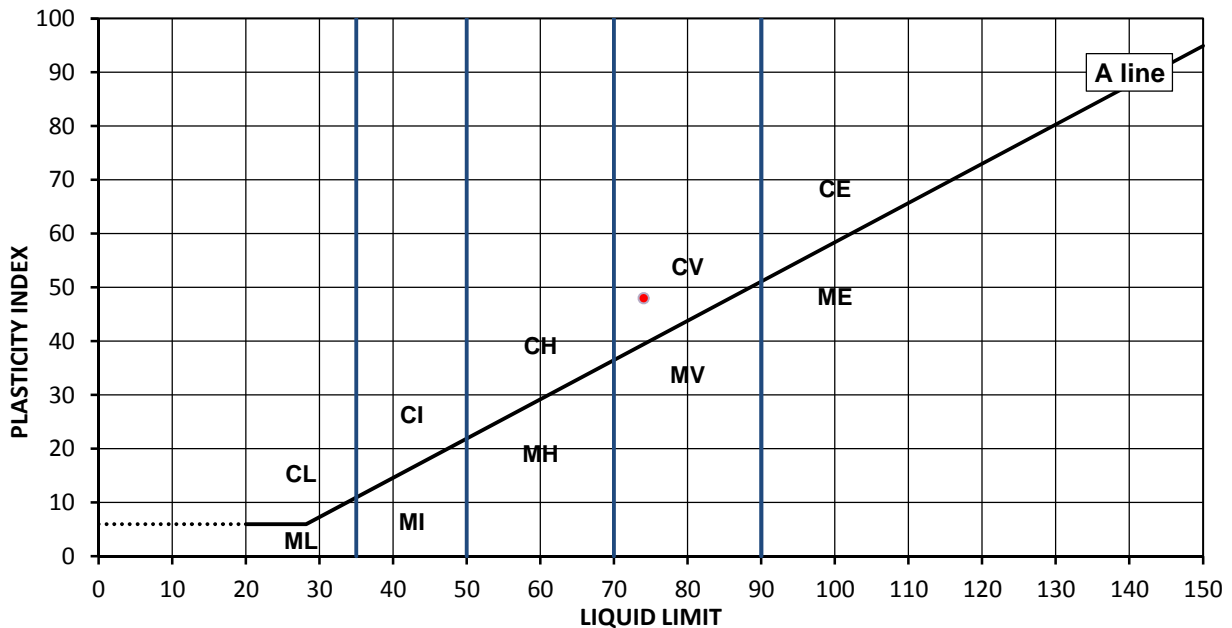
Client Reference: LMB-CASTLEWOOD
Job Number: 18-92021
Date Sampled: 19/06/2018
Date Received: 20/06/2018
Date Tested: 16/07/2018
Sampled By: PIL/DN

Test Results

Laboratory Reference: 998188
Hole No.: BHDA102
Sample Reference: Not Given
Soil Description: Dark brown CLAY
Sample Preparation: Tested in natural condition

Depth Top [m]: 16.50
Depth Base [m]: Not Given
Sample Type: D

As Received Moisture Content [%]	Liquid Limit [%]	Plastic Limit [%]	Plasticity Index [%]	% Passing 425µm BS Test Sieve
17	74	26	48	100



Legend, based on BS 5930:2015 Code of practice for site investigations

C	Clay	Plasticity	Liquid Limit
M	Silt	L	below 35
		I	35 to 50
		H	50 to 70
		V	70 to 90
		E	exceeding 90
	Organic	O	append to classification for organic material (eg CHO)

Remarks:

Approved:

Dariusz Piotrowski
PL Laboratory
Manager
Date Reported: 20/07/2018

Signed:

Darren Berrill
Geotechnical General
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Contact: Philip Lewis
Site Name: Castlewood House
Site Address: Not Given

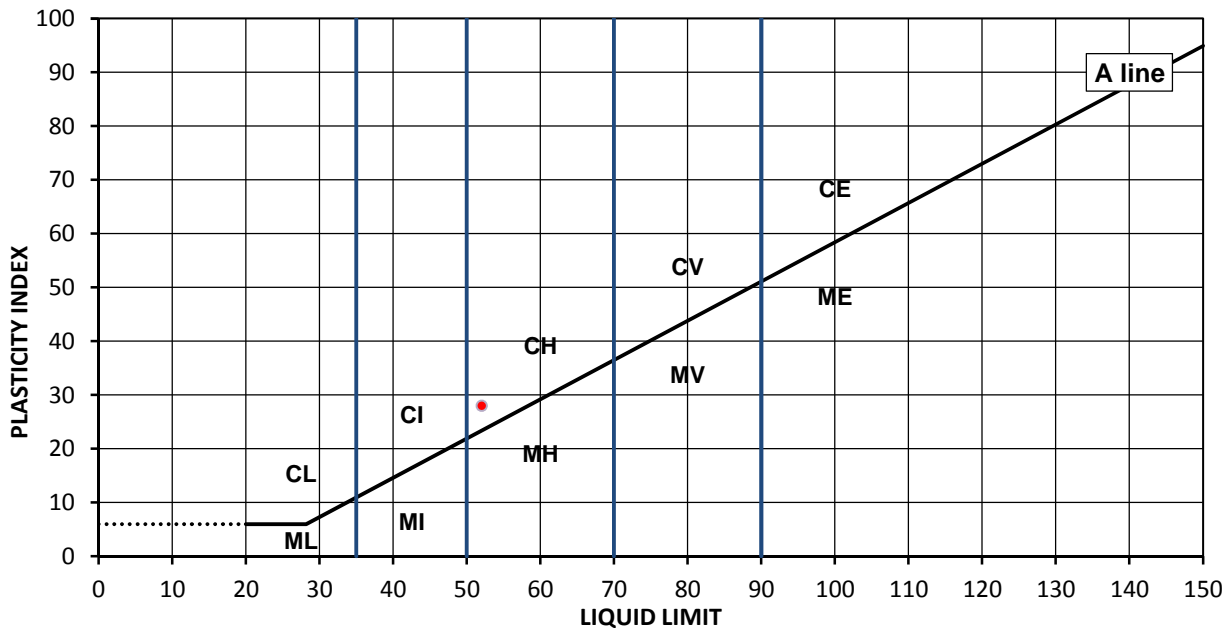
Client Reference: LMB-CASTLEWOOD
Job Number: 18-92021
Date Sampled: 19/06/2018
Date Received: 20/06/2018
Date Tested: 17/07/2018
Sampled By: PIL/DN

Test Results

Laboratory Reference: 998190
Hole No.: BHDA102
Sample Reference: Not Given
Soil Description: Brown gravelly slightly sandy CLAY
Sample Preparation: Tested in natural condition

Depth Top [m]: 21.50
Depth Base [m]: Not Given
Sample Type: U

As Received Moisture Content [%]	Liquid Limit [%]	Plastic Limit [%]	Plasticity Index [%]	% Passing 425µm BS Test Sieve
22	52	24	28	100



Legend, based on BS 5930:2015 Code of practice for site investigations

C	Clay	Plasticity	Liquid Limit
M	Silt	L	below 35
		I	35 to 50
		H	50 to 70
		V	70 to 90
		E	exceeding 90
	Organic	O	append to classification for organic material (eg CHO)

Remarks:

Approved:

Dariusz Piotrowski
PL Laboratory
Manager
Date Reported: 20/07/2018

Signed:

Darren Berrill
Geotechnical General
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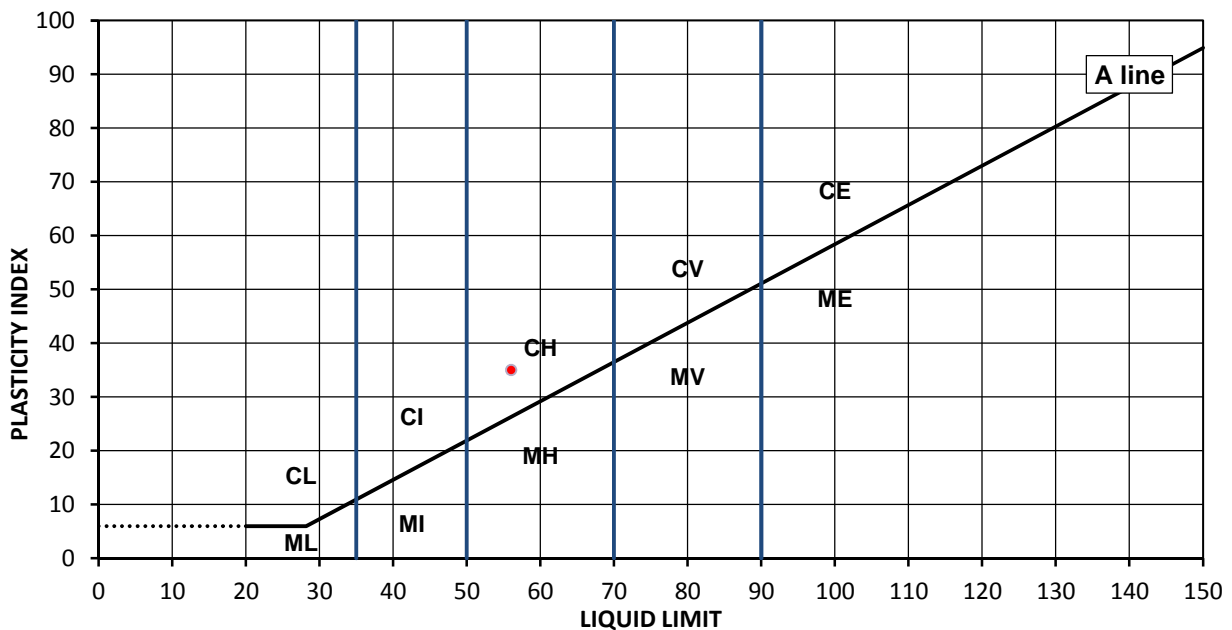
Client: LMB Geosolutions Ltd
Client Address: 28 Dresden Road
London
N19 3BD
Contact: Philip Lewis
Site Name: Castlewood House
Site Address: Not Given

Client Reference: LMB-CASTLEWOOD
Job Number: 18-92021
Date Sampled: 19/06/2018
Date Received: 20/06/2018
Date Tested: 16/07/2018
Sampled By: PIL/DN

Test Results

Laboratory Reference: 998192
Hole No.: BHDA102
Sample Reference: Not Given
Soil Description: Yellowish brown slightly sandy CLAY
Sample Preparation: Tested in natural condition
Depth Top [m]: 27.00
Depth Base [m]: Not Given
Sample Type: D

As Received Moisture Content [%]	Liquid Limit [%]	Plastic Limit [%]	Plasticity Index [%]	% Passing 425µm BS Test Sieve
19	56	21	35	100



Legend, based on BS 5930:2015 Code of practice for site investigations

C	Clay	Plasticity	Liquid Limit
M	Silt	L	below 35
		I	35 to 50
		H	50 to 70
		V	70 to 90
		E	exceeding 90
	Organic	O	append to classification for organic material (eg CHO)

Remarks:

Approved:

Dariusz Piotrowski
PL Laboratory
Manager
Date Reported: 20/07/2018

Signed:

Darren Berrill
Geotechnical General
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Site Address: Not Given

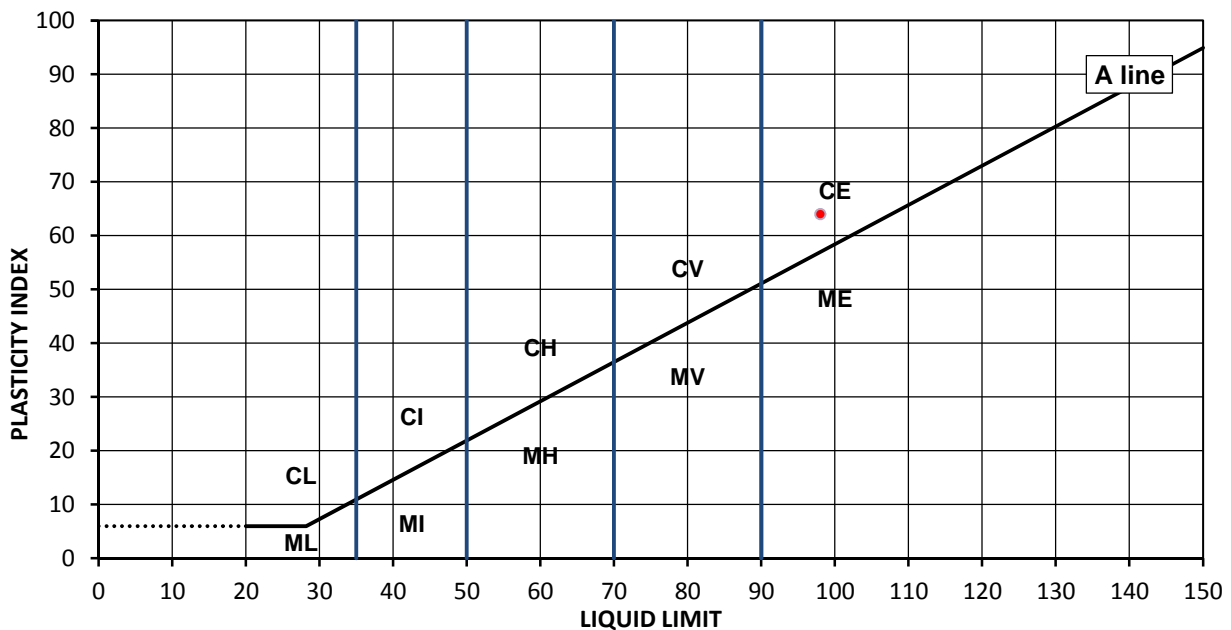
Client Reference: LMB-CASTLEWOOD
Job Number: 18-92021
Date Sampled: 21/06/2018
Date Received: 20/06/2018
Date Tested: 16/07/2018
Sampled By: PIL/DN

Test Results

Laboratory Reference: 998195
Hole No.: BHDA102
Sample Reference: Not Given
Soil Description: Mottled grey CLAY
Sample Preparation: Tested in natural condition

Depth Top [m]: 33.00
Depth Base [m]: Not Given
Sample Type: D

As Received Moisture Content [%]	Liquid Limit [%]	Plastic Limit [%]	Plasticity Index [%]	% Passing 425µm BS Test Sieve
25	98	34	64	100



Legend, based on BS 5930:2015 Code of practice for site investigations

C	Clay	Plasticity	Liquid Limit
M	Silt	L	below 35
		I	35 to 50
		H	50 to 70
		V	70 to 90
		E	exceeding 90
	Organic	O	append to classification for organic material (eg CHO)

Remarks:

Approved:

Dariusz Piotrowski
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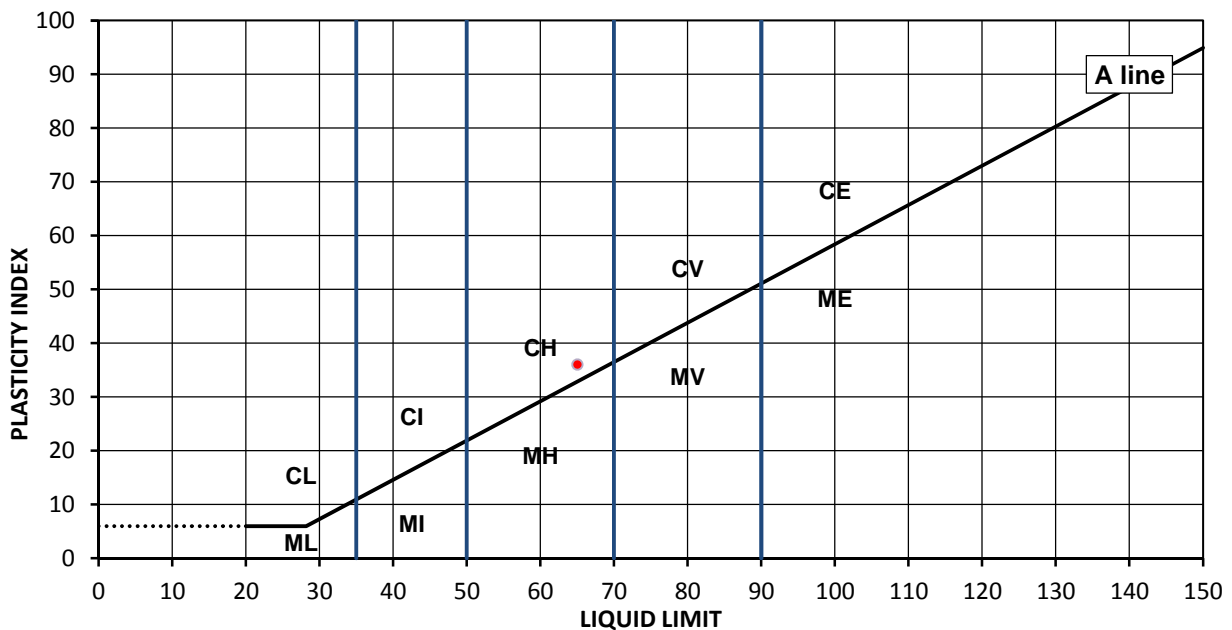
Client Reference: LMB-CASTLEWOOD
Job Number: 18-92021
Date Sampled: 25/06/2018
Date Received: 20/06/2018
Date Tested: 17/07/2018
Sampled By: PIL/DN

Test Results

Laboratory Reference: 998201
Hole No.: BHDA103
Sample Reference: Not Given
Soil Description: Brown CLAY
Sample Preparation: Tested in natural condition

Depth Top [m]: 8.00
Depth Base [m]: Not Given
Sample Type: U

As Received Moisture Content [%]	Liquid Limit [%]	Plastic Limit [%]	Plasticity Index [%]	% Passing 425µm BS Test Sieve
25	65	29	36	100



Legend, based on BS 5930:2015 Code of practice for site investigations

C	Clay	Plasticity	Liquid Limit
M	Silt	L	below 35
		I	35 to 50
		H	50 to 70
		V	70 to 90
		E	exceeding 90
	Organic	O	append to classification for organic material (eg CHO)

Remarks:

Approved:

Dariusz Piotrowski
PL Laboratory
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Date Reported: 20/07/2018

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Geotechnical General
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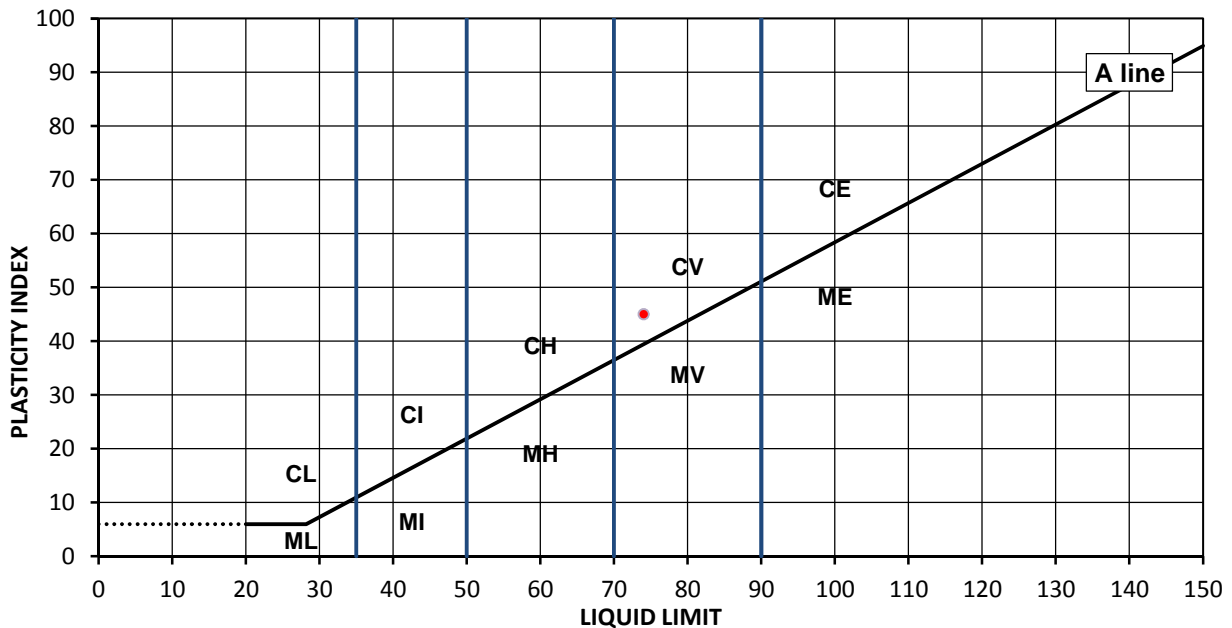
Client Reference: LMB-CASTLEWOOD
Job Number: 18-92021
Date Sampled: 26/06/2018
Date Received: 20/06/2018
Date Tested: 17/07/2018
Sampled By: PIL/DN

Test Results

Laboratory Reference: 998203
Hole No.: BHDA103
Sample Reference: Not Given
Soil Description: Brown CLAY
Sample Preparation: Tested in natural condition

Depth Top [m]: 14.00
Depth Base [m]: Not Given
Sample Type: U

As Received Moisture Content [%]	Liquid Limit [%]	Plastic Limit [%]	Plasticity Index [%]	% Passing 425µm BS Test Sieve
24	74	29	45	100



Legend, based on BS 5930:2015 Code of practice for site investigations

C	Clay	Plasticity	Liquid Limit
M	Silt	L	below 35
		I	35 to 50
		H	50 to 70
		V	70 to 90
		E	exceeding 90
	Organic	O	append to classification for organic material (eg CHO)

Remarks:

Approved:

Dariusz Piotrowski
PL Laboratory
Manager
Date Reported: 20/07/2018

Signed:

Darren Berrill
Geotechnical General
Manager

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Contact: Philip Lewis
Site Name: Castlewood House
Site Address: Not Given

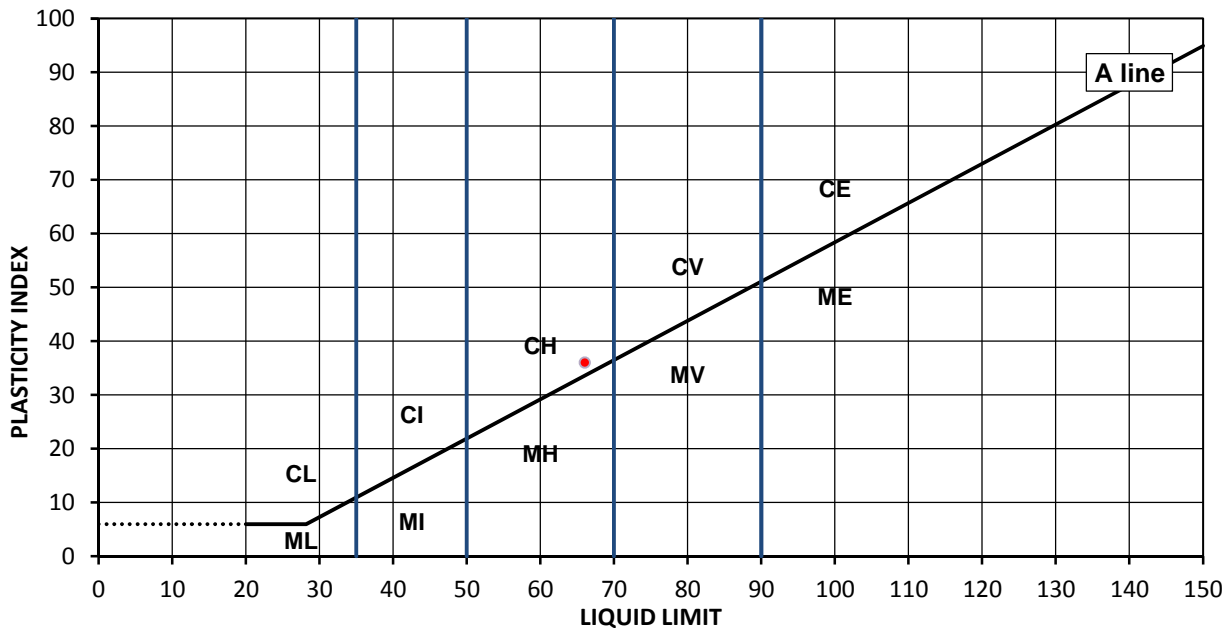
Client Reference: LMB-CASTLEWOOD
Job Number: 18-92021
Date Sampled: 27/06/2018
Date Received: 20/06/2018
Date Tested: 17/07/2018
Sampled By: PIL/DN

Test Results

Laboratory Reference: 998205
Hole No.: BHDA103
Sample Reference: Not Given
Soil Description: Brown slightly gravelly CLAY
Sample Preparation: Tested after >425um removed by hand

Depth Top [m]: 20.00
Depth Base [m]: Not Given
Sample Type: U

As Received Moisture Content [%]	Liquid Limit [%]	Plastic Limit [%]	Plasticity Index [%]	% Passing 425µm BS Test Sieve
23	66	30	36	88



Legend, based on BS 5930:2015 Code of practice for site investigations

C	Clay	Plasticity	Liquid Limit
M	Silt	L	below 35
		I	35 to 50
		H	50 to 70
		V	70 to 90
		E	exceeding 90
	Organic	O	append to classification for organic material (eg CHO)

Remarks:

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Date Reported: 20/07/2018

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