



**ATTERBERG LIMITS
ASTM D4318**

PROJECT: Mt. Polley Sample ID: TH12-04
 Project Number: VM00560A.B.3 Date Sampled: 15-Aug-12
 Technician: M. Tennant Depth: 2.2m
 Date: 17-Aug-12 Comments:

Liquid Limit

Trial No.	1	2	3
No. of Blows	13	22	36
Tare ID	F	A	AQ
Mass Wet + Tare	39.98	40.01	47.62
Mass Dry + Tare	36.62	36.83	43.40
Mass Tare	21.44	21.49	21.60
Mass of Water	3.36	3.18	4.22
Dry Soil Mass	15.18	15.34	21.80
Moisture Content	22.1	20.7	19.4
Liquid Limit	20.4	20.4	20.3

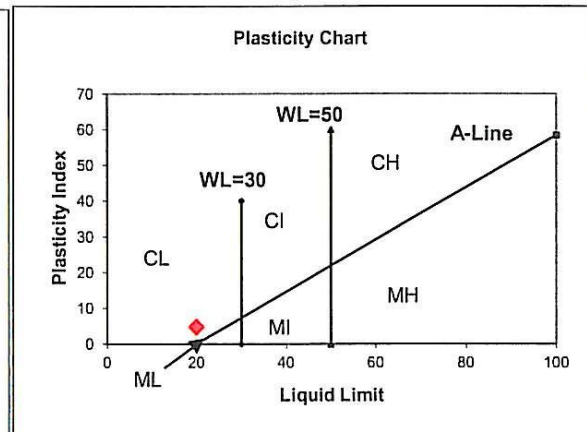
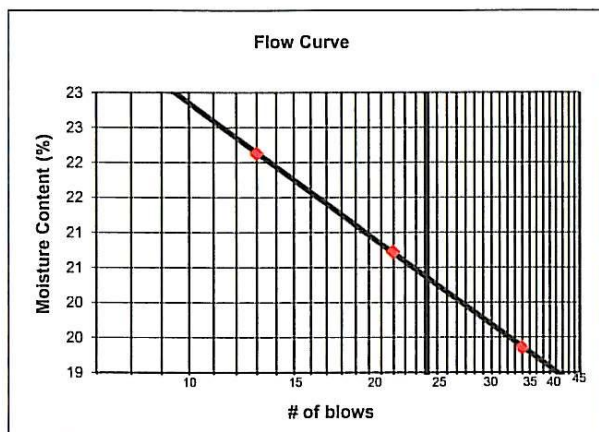
Average Liquid Limit: 20

Plastic Limit

Trial No.	1	2	3
Tare ID	44	38	10
Mass Wet + Tare	32.74	30.99	31.72
Mass Dry + Tare	31.26	29.73	30.40
Mass Tare	21.46	21.32	21.62
Mass of Water	1.48	1.26	1.32
Dry Soil Mass	9.80	8.41	8.78
Moisture Content	15.1	15.0	15.0

Average Plastic Limit 15
 Plasticity Index 5
 Received Moisture 11.0

Plasticity Index $PI = LL - PL$
 Liquidity Index $LI = (MC - PL) / PI$





**ATTERBERG LIMITS
ASTM D4318**

PROJECT: Mt. Polley Sample ID: TH12-05
 Project Number: VM00560A.B.3 Date Sampled: 15-Aug-12
 Technician: M. Tennant Depth: 0.7m
 Date: 17-Aug-12 Comments:

Liquid Limit

Trial No.	1	2	3
No. of Blows	36	22	30
Tare ID	V	K	Z
Mass Wet + Tare	44.33	42.56	42.37
Mass Dry + Tare	39.73	38.03	38.04
Mass Tare	21.98	21.60	21.72
Mass of Water	4.60	4.53	4.33
Dry Soil Mass	17.75	16.43	16.32
Moisture Content	25.9	27.6	26.5
Liquid Limit	27.2	27.1	27.2

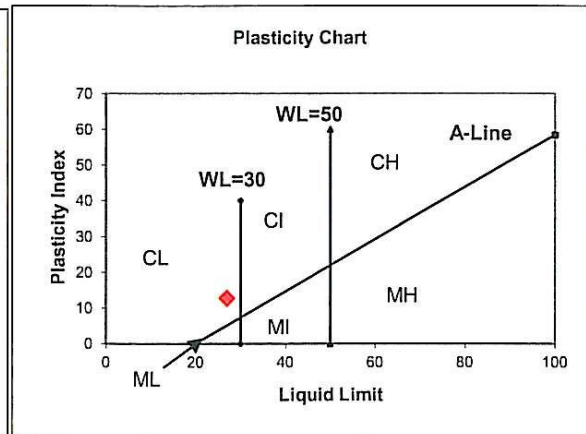
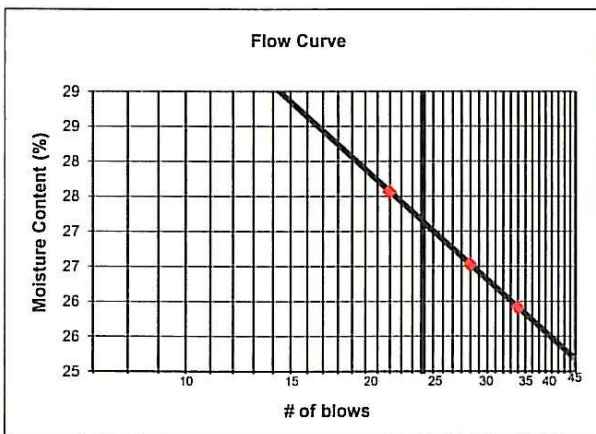
Average Liquid Limit: 27

Plastic Limit

Trial No.	1	2	3
Tare ID	11	15	47
Mass Wet + Tare	33.69	31.69	30.65
Mass Dry + Tare	32.15	30.50	29.52
Mass Tare	21.26	22.06	21.45
Mass of Water	1.54	1.19	1.13
Dry Soil Mass	10.89	8.44	8.07
Moisture Content	14.1	14.1	14.0

Average Plastic Limit 14
 Plasticity Index 13
 Received Moisture 13.0

Plasticity Index $PI = LL - PL$
 Liquidity Index $LI = (MC - PL) / PI$





**ATTERBERG LIMITS
ASTM D4318**

PROJECT: Mt. Polley Sample ID: TH12-08
 Project Number: VM00560A.B.3 Date Sampled: 15-Aug-12
 Technician: M. Tennant Depth: 0.5m
 Date: 17-Aug-12 Comments:

Liquid Limit

Trial No.	1	2	3
No. of Blows	20	36	25
Tare ID	V	Z	K
Mass Wet + Tare	39.87	40.54	42.08
Mass Dry + Tare	35.44	36.13	37.12
Mass Tare	21.98	21.71	21.59
Mass of Water	4.43	4.41	4.96
Dry Soil Mass	13.46	14.42	15.53
Moisture Content	32.9	30.6	31.9
Liquid Limit	32.0	32.1	32.0

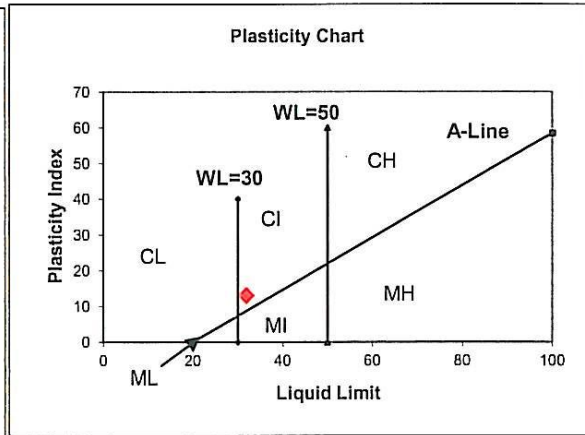
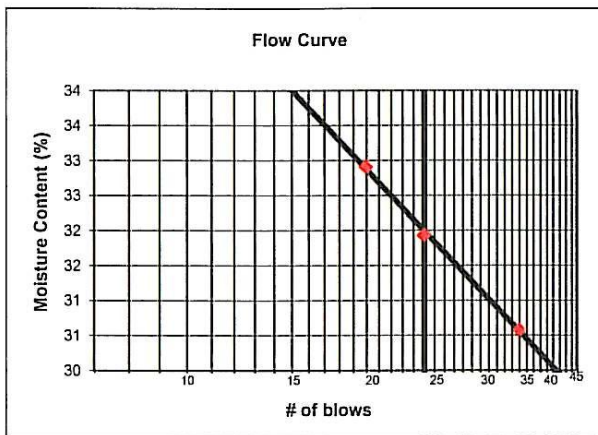
Average Liquid Limit: 32

Plastic Limit

Trial No.	1	2	3
Tare ID	46	41	43
Mass Wet + Tare	34.56	32.14	31.16
Mass Dry + Tare	32.47	30.46	29.62
Mass Tare	21.38	21.47	21.45
Mass of Water	2.09	1.68	1.54
Dry Soil Mass	11.09	8.99	8.17
Moisture Content	18.8	18.7	18.8

Average Plastic Limit 19
 Plasticity Index 13
 Received Moisture 26.4

Plasticity Index $PI = LL - PL$
 Liquidity Index $LI = (MC - PL) / PI$





**ATTERBERG LIMITS
ASTM D4318**

PROJECT: Mt. Polley Sample ID: TH12-8A
 Project Number: VM00560A.B.3 Date Sampled: 15-Aug-12
 Technician: M. Tennant Depth: 0.5m
 Date: 21-Aug-12 Comments:

Liquid Limit

Trial No.	1	2	3
No. of Blows	25	18	36
Tare ID	C	W	AQ
Mass Wet + Tare	40.49	39.62	44.72
Mass Dry + Tare	35.36	34.59	38.61
Mass Tare	21.72	21.78	21.60
Mass of Water	5.13	5.03	6.11
Dry Soil Mass	13.64	12.81	17.01
Moisture Content	37.6	39.3	35.9
Liquid Limit	37.6	37.7	37.7

Average Liquid Limit: 38

Plastic Limit

Trial No.	1	2	3
Tare ID	33	13	23
Mass Wet + Tare	33.28	29.91	31.88
Mass Dry + Tare	31.36	28.49	30.13
Mass Tare	21.85	21.42	21.47
Mass of Water	1.92	1.42	1.75
Dry Soil Mass	9.51	7.07	8.66
Moisture Content	20.2	20.1	20.2

Average Plastic Limit 20
 Plasticity Index 18
 Received Moisture 26.4

Plasticity Index	$PI = LL - PL$
Liquidity Index	$LI = (MC - PL) / PI$

