

# Special Study Vp Mini Cores

(Millett/Beteman/IRINA)

Data in: Usual/Phys props/Soil

## P-Wave Logsheet Measured wet after Vacuum

Exp 396

Site 1566

Hole A

Date 18th Aug

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Core/ Section	TIME	Day 1 X		Day 7 X		Day 14 X		Comments
		Offset	Day 1 Reading	Day 7 Offset	Day 14 Reading	Day 14 Offset	Day 29 Reading	
✓ 12 R2	19:20	74 76	4128.7	"	3944.2	"	3993.7	DRY <del>3784.1</del>
✓ 12 R3	19:32	79	4343.4	"	4484.2	"	4488.1	3939.7
✓ 12 R4	19:38	68	4444.2	"	4457.4	"	4580.6	4226.11
✓ 12 R4	19:45	135 137	4904.7	"	4887.3	"	4882.8	4727.3
✓ 12 R4	19:50	91 93	5050.5	"	5033.6	"	5026.1	4914.6
✓ 15 R2	18:25	28/ 30	4124.7	"	4224.3	"	4181.8	3717.7
✓ 15 R2	18:30	49 51	4710.8	"	4765.7	"	4876.85	4549.4
✓ 16 R3	14:00	32 34	2275.54	"	2327.6	"	2317.1	BS (1504.5)
✓ 16 R3	14:15	13 15	2327.8	"	2452.1	"	2515.5	1622.4
✓ 17 R3	14:20	72 74	2244.4	"	2285.1	"	2314.0	1622.9
✓ 17 R3	14:30	19 21	2138.7	"	2136.2	"	2202.3	BS (1457.7)
✓ 19 R3	20:00	92	2124.1		2147.5		2187.75	N/A
✓ 19 R3	20:05	104	3467.4		3446.7		3422.8	2804.0
✓ 20 R1	20:10	12	3870.1		3954.7		3887.3	3617.4
✓ 20 R1	20:14	101	4946.8		4942.3		4954.1	4832.7
✓ 20 R2	20:17	84	3386.3		3534.2		3668.5	2914.6
✓ 20 R2	20:23	111	1978.2		2076.3		2075.0	1494.0
✓ 20 R2	20:34	136	3552.3		3595.3		3621.76	3269.6
✓ 26 R1	18:20	52	2029.5		DRY		B-	
✓ 26 R2	18:26	105	2655.4		DRY			
✓ 26 R3	18:30	48	3796.7		3696.5		3714.5	2747.3
✓ 26 R3	18:33	105	3780.7		3752.1		3879.8	3063.5
✓ 26 R3	18:45	5	3001.6		3102.4		3181.8	2334.4

wet density  
g/cc

2.51

2.41

2.53

2.68

2.53

2.20

2.43

2.00

2.01

1.99

1.95

1.96

2.24

2.45

2.48

2.35

1.87

2.2

1.98

2.13

2.35

2.38

Gantry P-wave Vel, m/sec

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Hole A Data

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Core/Section	X		Y		Z		Uploaded?	comments
	offset cm	velocity m/sec Day 1	offset cm Day 2	velocity m/sec Day 14	offset cm Day 28	velocity m/sec Day 29 DRY		
✓ 32R3	64/66	3296.8	"	3309.1	3374.1	2709.8		2.34
✓ 28R1	140/142	2850.9	"	DRY				1.97
✓ 33R2	77/79	2271.3	"	DRY				2.10
✓ 28R2	28/30	2823.2	"	DRY				2.08
✓ 33R2	6/8	1945.8	"	DRY				2.10
✓ 28R2	17/19	2964.8	"	DRY				2.12
1566A, 7R2	55/57	4108.2		DRY		2nd Sept 3751.3		2nd dry after 3890.1 salt sat
✓ 7R2	13/15	4460.5		"		2nd Sept 4202.7		Dry as above 4211.0
✓ 7R3	8/10	4567.0		"		" 4072.8		Dry as above 4018.0
✓ 32R3	14			DRY				
✓ 33R1	63			DRY				Fragile



MILL minicores

## P-Wave Logsheet

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Core/ Section	TIME	<u>X</u> <u>SAT</u>		<u>Y</u> <u>Dry</u>		<u>Z</u>		Comments
		Offset	Reading	Offset	Reading	Offset	Reading	
25R3		82	3740.8		3268.5			SAT
26R2		37	4283.4		3886.7			SAT
25R3		106	4613.1		4381.5			SAT
25R3		139	3189.0		2650.4			SAT
24R1		75	4004.8		3606.8			SAT
24R1		122	4186.4		3827.7			SAT
19R1		89	4534.9		4199.2			SAT
24R1		51	4315.1		3829.8			SAT
26R2		24	4028.7		3601.9			SAT
24R1		27	3370.9		2769.1			SAT
19R1		8	3666.5		3074.6			SAT
22R1		88	4516.7		4216.6			SAT
30R2		49	4947.8		4745.6			SAT
27R3		105	4919.4		3679.9			SAT
<u>1572A</u>								
25R4		21	4924.1		3903.6			Sat
26R3		126	4324.9		3521.1			↓
26R2		24	4647.8		4134.4			
27R3		24	5246.3		4701.1			
24R4		10	4300.6		4706.4			

## P-Wave Logsheet

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Hole A

Date 09/10/21

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Hole A Date 16/09

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## Mini Case Study

Site 1574A

## Hole

Date 26/sept

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