



DRiL TECH GROUND ENG. LTD.



CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH04

BOX NO. : 1 OF 12

DEPTH : 0.00 m TO 9.20 m

DATE OF PHOTOGRAPH : 27/ 1/2016



0m

1.0m

1

0.00

0.50

1.20

9.20



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Investigation, Design and
Construction

HOLE NO. : S2-DH04

BOX NO. : 2 OF 12

DEPTH : 9.20 m TO 17.50 m

DATE OF PHOTOGRAPH : 27/ 1/2016



0m

1.0m

9.20

14.60

15.30

16.10

16.70

17.50



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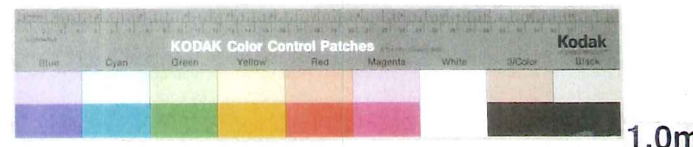
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HOLE NO. : S2-DH04

BOX NO. : 3 OF 12

DEPTH : 17.50 m TO 33.90 m

DATE OF PHOTOGRAPH : 27/ 1/2016



0m

1.0m

17.50

33.90





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HOLE NO. : S2-DH04

BOX NO. : 4 OF 12

DEPTH : 33.90 m TO (41.95) m

DATE OF PHOTOGRAPH : 27/ 1/2016



0m

1.0m

33.90

39.88

41.21

(41.95)

CONT

Cont'd



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HOLE NO. : S2-DH04

BOX NO. : 5 OF 12

DEPTH : (41.95) m TO (44.76) m

DATE OF PHOTOGRAPH : 27/ 1/2016



0m

1.0m

Cont'd

(41.95)

42.68

44.15

(44.76)

Cont'd



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HOLE NO. : S2-DH04

BOX NO. : 6 OF 12

DEPTH : (44.76) m TO (47.52) m

DATE OF PHOTOGRAPH : 27/ 1/2016



0m

1.0m

Cont'd

(44.76)

45.69

46.82

(47.52)

Con Cont'd



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HOLE NO. : S2-DH04

BOX NO. : 7 OF 12

DEPTH : (47.52) m TO (50.04) m

DATE OF PHOTOGRAPH : 27/ 1/2016



0m

1.0m

Cont'd

(47.52)

48.31

49.56

(50.04)

CON

Cont'd



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DEPARTMENT

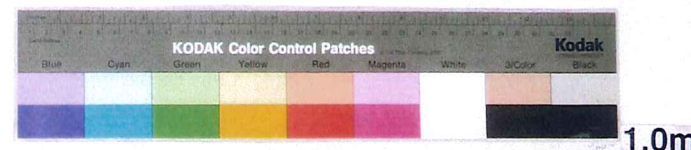
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HOLE NO. : S2-DH04

BOX NO. : 8 OF 12

DEPTH : (50.04) m TO (52.85) m

DATE OF PHOTOGRAPH : 27/ 1/2016



Cont'd

(50.04)

50.96

51.78

(52.85)

CONT Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

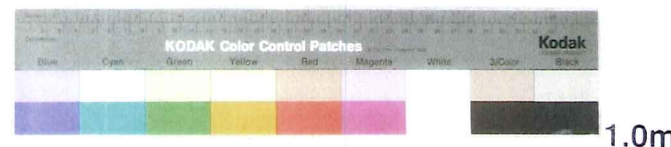
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HOLE NO. : S2-DH04

BOX NO. : 9 OF 12

DEPTH : (52.85) m TO (55.66) m

DATE OF PHOTOGRAPH : 27/ 1/2016



0m

1.0m

Cont'd

(52.85)

53.25

54.69

(55.66)

Cont'd



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HOLE NO. : S2-DH04

BOX NO. : 10 OF 12

DEPTH : (55.66) m TO (58.39) m

DATE OF PHOTOGRAPH : 27/ 1/2016



0m

1.0m

Cont'd

(55.66)

56.19

57.68

(58.39)

58.99m

CONT Cont'd



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DEPARTMENT

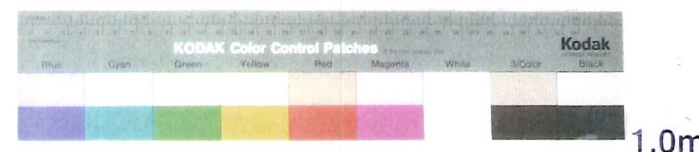
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HOLE NO. : S2-DH04

BOX NO. : 11 OF 12

DEPTH : (58.39) m TO (61.20) m

DATE OF PHOTOGRAPH : 27/ 1/2016



0m

1.0m

Cont'd

(58.39)

58.95

60.20

(61.20)

CONT Cont'd



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HOLE NO. : S2-DH04

BOX NO. : 12 OF 12

DEPTH : (61.20) m TO 61.58 m

DATE OF PHOTOGRAPH : 27/ 1/2016



1.0m

0m

Cont'd

(61.20)

61.58
END



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HOLE NO. : S2-DH 05

BOX NO. : 1 OF 13

DEPTH : 0.00 m TO 10.50 m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



1.0m

0m

1

0.00

0.50

10.50



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HOLE NO. : S2-DH 05

BOX NO. : 2 OF 13

DEPTH : 10.50 m TO (22.03) m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m

10.50



20.75



21.78

(22.03)

Cont'd



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HOLE NO. : S2-DH 05

BOX NO. : 3 OF 13

DEPTH : (22.03) m TO 28.16 m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



1.0m

0m

Cont'd

(22.03)



22.98



23.96



24.50



26.60



27.80



28.16



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HOLE NO. : S2-DH 05

BOX NO. : 4 OF 13

DEPTH : 28.16 m TO (32.43) m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



1.0m

0m

28.16

28.16m

29.30

30.60

32.08

(32.43)

Cont'd



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HOLE NO. : S2-DH 05

BOX NO. : 5 OF 13

DEPTH : (32.43) m TO 38.50 m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m

Cont'd

(32.43)



35.50



35.65~36.00

NR

36.00



37.00



33.25~33.50

NR

33.50



38.50



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HOLE NO. : **S2-DH 05**

BOX NO. : **6 OF 13**

DEPTH : **38.50 m TO 51.50 m**

DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m

38.50



38.75~39.00

NR

39.00



47.30



47.77~48.10

NR

48.10



49.20



49.60~50.00

NR

50.00



50.60



50.98~51.50

NR

51.50



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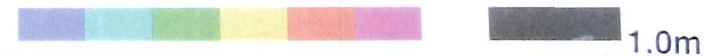
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HOLE NO. : S2-DH 05

BOX NO. : 7 OF 13

DEPTH : 51.50 m TO 57.52 m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m





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HOLE NO. : S2-DH 05

BOX NO. : 8 OF 13

DEPTH : 57.52 m TO (62.19) m

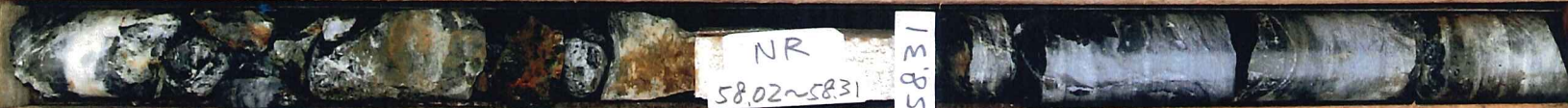
DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m

57.52



NR

58.02~58.31

58.31



59.70



60.26



NR

60.66~61.29

61.29

(62.19)

Cont'd Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
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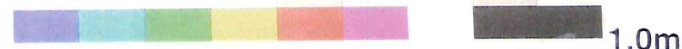
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HOLE NO. : S2-DH 05

BOX NO. : 9 OF 13

DEPTH : (62.19) m TO (65.83) m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m

Cont'd

(62.19)

62.59

63.95

65.43

(65.83)

Cont'd



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HOLE NO. : S2-DH 05

BOX NO. : 10 OF 13

DEPTH : (65.83) m TO (69.51) m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



1.0m

0m

Cont'd

(65.83)

66.95

68.46

(69.51)

Cont'd

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HOLE NO. : **S2-DH 05**

BOX NO. : **11 OF 13**

DEPTH : **(69.51) m TO 73.60 m**

DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m

Cont'd

(69.51)

69.73

71.02

71.32

72.27~72.50

N R

72.50

NR
72.75~72.95

73.60



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HOLE NO. : S2-DH 05

BOX NO. : 12 OF 13

DEPTH : 73.60 m TO (83.58) m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m

73.60

NR
74.16~74.36

74.80

NR
75.40~75.60

75.60

NR

80.97

NR

81.50~82.00

82.00

NR

82.32~82.60

83.30

(83.58)

Cont'd



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HOLE NO. : S2-DH 05

BOX NO. : 13 OF 13

DEPTH : (83.58) m TO 103.30 m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m

Cont'd

(83.58)

84.73

NR

85.17

86.65

NR

87.54

87.54

88.04~88.82

NR

88.82

89.30

NR

103.30

END



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HOLE NO. : **S2-DH06**

BOX NO. : **1** OF **14**

DEPTH : **0.00** m TO **10.50** m

DATE OF PHOTOGRAPH : 22/ 2/2016



0m

1.0m





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HOLE NO. : S2-DH06

BOX NO. : 2 OF 14

DEPTH : 10.50 m TO 25.00 m

DATE OF PHOTOGRAPH : 22/ 2/2016



1.0m

0m

10.50

25.00



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HOLE NO. : S2-DH06

BOX NO. : 3 OF 14

DEPTH : 25.00 m TO 41.20 m

DATE OF PHOTOGRAPH : 22/ 2/2016



0m

1.0m

25.00

41.20



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CIVIL ENGINEERING AND DEVELOPMENT
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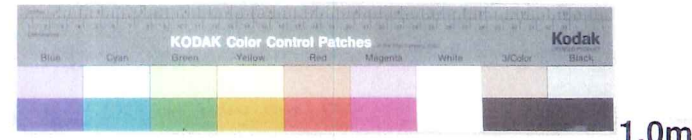
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HOLE NO. : **S2-DH06**

BOX NO. : **4 OF 14**

DEPTH : **41.20 m TO 57.20 m**

DATE OF PHOTOGRAPH : **22/ 2/2016**



41.20



57.20



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CIVIL ENGINEERING AND DEVELOPMENT
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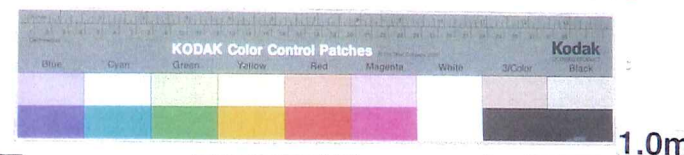
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HOLE NO. : S2-DH06

BOX NO. : 5 OF 14

DEPTH : 57.20 m TO 73.20 m

DATE OF PHOTOGRAPH : 22/ 2/2016



0m

1.0m

57.20

73.20



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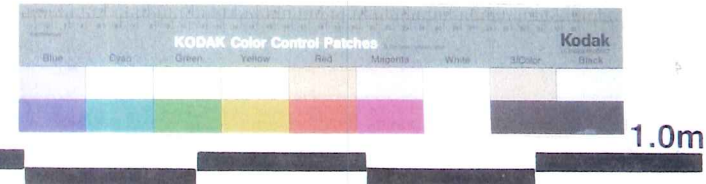
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HOLE NO. : S2-DH06

BOX NO. : 6 OF 14

DEPTH : 73.20 m TO 89.40 m

DATE OF PHOTOGRAPH : 22/ 2/2016



0m

1.0m

73.20

89.40



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

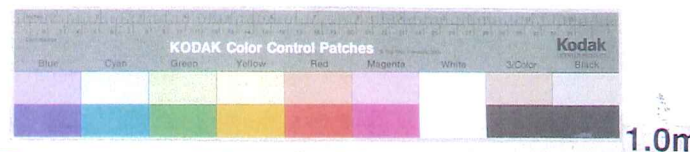
CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
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with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH06

BOX NO. : 7 OF 14

DEPTH : 89.40 m TO 98.93 m

DATE OF PHOTOGRAPH : 22/ 2/2016



0m

1.0m

89.40

97.60

97.85

98.93



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
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WORKS ORDER NO. : GE/2014/07.34A
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Investigation, Design and
Construction

HOLE NO. : S2-DH06

BOX NO. : 8 OF 14

DEPTH : 98.93 m TO (112.35) m

DATE OF PHOTOGRAPH : 22/ 2/2016



1.0m

0m

98.93

104.40

104.72

111.45

111.95

(112.35)

Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

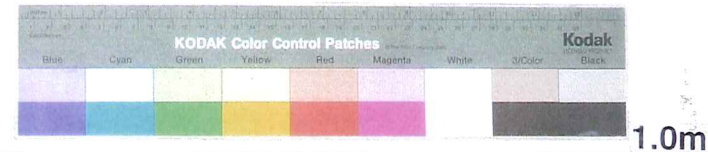
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TERRITORIES WEST (TERM CONTRACT)
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HOLE NO. : **S2-DH06**

BOX NO. : **9 OF 14**

DEPTH : **(112.35)m TO 115.92 m**

DATE OF PHOTOGRAPH : 22/ 2/2016



0m

1.0m

Cont'd

(112.35)

112.75

113.16

113.31

113.63

115.02

115.92

115.92m



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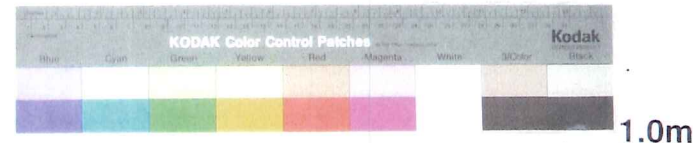
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HOLE NO. : S2-DH06

BOX NO. : 10 OF 14

DEPTH : 115.92 m TO (119.80) m

DATE OF PHOTOGRAPH : 22/ 2/2016



0m

1.0m

115.92

117.25

118.80

(119.80)

CONT'D Cont'd



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DEPARTMENT

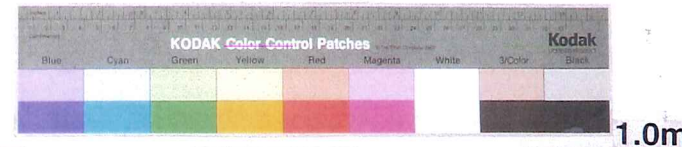
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HOLE NO. : **S2-DH06**

BOX NO. : **11 OF 14**

DEPTH : **(119.80)m TO (123.58) m**

DATE OF PHOTOGRAPH : **22/ 2/2016**



0m

1.0m

Cont'd

(119.80)

120.30

121.85

123.29

(123.58)

Cont'd



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DEPARTMENT

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HOLE NO. : **S2-DH06**

BOX NO. : **12 OF 14**

DEPTH : **(123.58)m TO 127.29 m**

DATE OF PHOTOGRAPH : **22/ 2/2016**



0m

1.0m

Cont'd

(123.58)

124.54

126.04

127.29



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DEPARTMENT

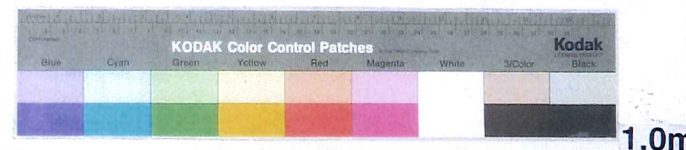
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Construction

HOLE NO. : S2-DH06

BOX NO. : 13 OF 14

DEPTH : 127.29 m TO 131.13 m

DATE OF PHOTOGRAPH : 22/ 2/2016



0m

1.0m

127.29

128.49

129.60

131.13

131.13



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

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WORKS ORDER NO. : GE/2014/07.34A
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HOLE NO. : **S2-DH06**

BOX NO. : **14 OF 14**

DEPTH : **131.13 m TO 134.49 m**

DATE OF PHOTOGRAPH : **22/ 2/2016**



1.0m

0m

131.13

132.56

133.69

134.49
END



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

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Construction

HOLE NO. : S2-DH07

BOX NO. : 1 OF 9

DEPTH : 0.00 m TO 10.90 m

DATE OF PHOTOGRAPH : 11/ 3/2016



0m

1.0m



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
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HOLE NO. : **S2-DH07**

BOX NO. : **2 OF 9**

DEPTH : **10.90 m** TO **25.50 m**

DATE OF PHOTOGRAPH : **11/ 3/2016**





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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

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Elevated Pedestrian Corridor
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HOLE NO. : S2-DH07

BOX NO. : 3 OF 9

DEPTH : 25.50 m TO 41.50 m

DATE OF PHOTOGRAPH : 11/ 3/2016



1.0m

0m

25.50



41.50



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HOLE NO. : S2-DH07

BOX NO. : 4 OF 9

DEPTH : 41.50 m TO 58.10 m

DATE OF PHOTOGRAPH : 11/ 3/2016



0m

1.0m

41.50

58.10





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HOLE NO. : S2-DH07

BOX NO. : 5 OF 9

DEPTH : 58.10 m TO 76.00 m

DATE OF PHOTOGRAPH : 11/ 3/2016



0m

1.0m

58.10

74.47

NR

75.47~76.00

76.00



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

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HOLE NO. : S2-DH07

BOX NO. : 6 OF 9

DEPTH : 76.00 m TO (93.50) m

DATE OF PHOTOGRAPH : 11/ 3/2016



0m

1.0m

76.00

92.35

92.35m

NR

93.19 ~ 93.50

(93.50)

Cont'd Cont'd



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DEPARTMENT

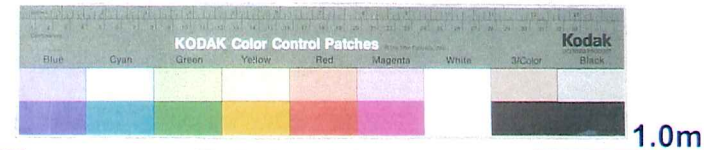
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HOLE NO. : S2-DH07

BOX NO. : 7 OF 9

DEPTH : (93.50) m TO 117.00 m

DATE OF PHOTOGRAPH : 11/ 3/2016



Cont'd
(93.50)



NR
94.12 ~ 95.00

95.00



102.80



NR

117.00



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

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HOLE NO. : S2-DH07

BOX NO. : 8 OF 9

DEPTH : 117.00 m TO (120.51) m

DATE OF PHOTOGRAPH : 11/ 3/2016



1.0m

0m

117.00

118.10

NR
117.84~117.95

119.66

(120.51)

cont Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
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Construction

HOLE NO. : S2-DH07

BOX NO. : 9 OF 9

DEPTH : (120.51)m TO 124.18 m

DATE OF PHOTOGRAPH : 11/ 3/2016



0m

1.0m

Cont'd

(120.51)

121.01

123.21

122.46

124.18
END



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
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Elevated Pedestrian Corridor
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Investigation, Design and
Construction

HOLE NO. : S2-DH08

BOX NO. : 1 OF 14

DEPTH : 0.00 m TO 11.00 m

DATE OF PHOTOGRAPH : 22/ 2/2016



0m

1.0m

0.00

1

0.50

11.00



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DEPARTMENT

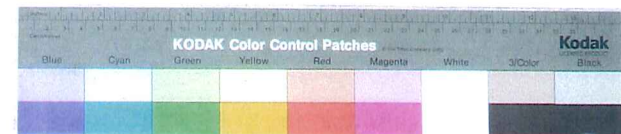
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Construction

HOLE NO. : S2-DH08

BOX NO. : 2 OF 14

DEPTH : 11.00 m TO 26.50 m

DATE OF PHOTOGRAPH : 22/ 2/2016



0m

1.0m

11.00

26.50



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

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WORKS ORDER NO. : GE/2014/07.34A
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Construction

HOLE NO. : S2-DH08

BOX NO. : 3 OF 14

DEPTH : 26.50 m TO 42.50 m

DATE OF PHOTOGRAPH : 22/ 2/2016



0m

1.0m

26.50

42.50



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

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WORKS ORDER NO. : GE/2014/07.34A
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Elevated Pedestrian Corridor
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Investigation, Design and
Construction

HOLE NO. : S2-DH08

BOX NO. : 4 OF 14

DEPTH : 42.50 m TO 53.00 m

DATE OF PHOTOGRAPH : 22/ 2/2016



1.0m

0m

42.50

44.20

45.00

53.00



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DEPARTMENT

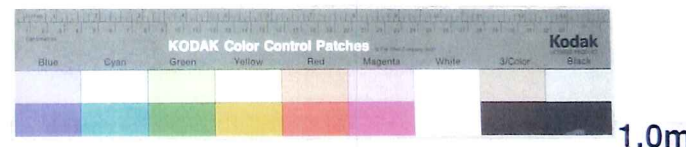
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HOLE NO. : S2-DH08

BOX NO. : 5 OF 14

DEPTH : 53.00 m TO 69.00 m

DATE OF PHOTOGRAPH : 22/ 2/2016



0m

1.0m

53.00

69.00



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DEPARTMENT

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Construction

HOLE NO. : S2-DH08

BOX NO. : 6 OF 14

DEPTH : 69.00 m TO 85.00 m

DATE OF PHOTOGRAPH : 22/ 2/2016



0m

1.0m

69.00

85.00



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Construction

HOLE NO. : S2-DH08

BOX NO. : 7 OF 14

DEPTH : 85.00 m TO 100.23 m

DATE OF PHOTOGRAPH : 22/ 2/2016



0m

1.0m

85.00

100.23

H 1122 @ 99.0m
L N 424



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DEPARTMENT

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HOLE NO. : **S2-DH08**

BOX NO. : **8 OF 14**

DEPTH : **100.23 m TO (107.43) m**

DATE OF PHOTOGRAPH : **22/ 2/2016**



0m

1.0m

100.23



104.30



104.70

105.87~106.00
NR
106.00



106.87



(107.43)

Cont'd



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HOLE NO. : **S2-DH08**

BOX NO. : **9 OF 14**

DEPTH : **(107.43)m TO 111.22 m**

DATE OF PHOTOGRAPH : **22/ 2/2016**



0m

1.0m

Cont'd

(107.43)

108.29

109.79

111.22



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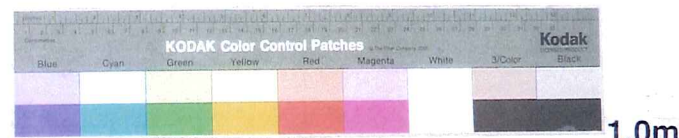
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HOLE NO. : **S2-DH08**

BOX NO. : **10 OF 14**

DEPTH : **111.22 m TO (115.07) m**

DATE OF PHOTOGRAPH : 22/ 2/2016



0m

1.0m

111.22

112.75

114.23

(115.07)

Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

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HOLE NO. : **S2-DH08**

BOX NO. : **11 OF 14**

DEPTH : **(115.07) m TO 118.61 m**

DATE OF PHOTOGRAPH : **22/ 2/2016**



0m

1.0m

Cont'd

(115.07)

115.64

116.29

117.46

118.61



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
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Construction

HOLE NO. : S2-DH08

BOX NO. : 12 OF 14

DEPTH : 118.61 m TO (122.44) m

DATE OF PHOTOGRAPH : 22/ 2/2016



1.0m

0m

118.61

120.16

121.66

(122.44)

CONT Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
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HOLE NO. : **S2-DH08**

BOX NO. : **13 OF 14**

DEPTH : **(122.44)m TO 126.14 m**

DATE OF PHOTOGRAPH : **22/ 2/2016**



0m

1.0m

Cont'd

(122.44)

123.18

124.65

126.14



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
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Construction

HOLE NO. : S2-DH08

BOX NO. : 14 OF 14

DEPTH : 126.14 m TO 127.56 m

DATE OF PHOTOGRAPH : 22/ 2/2016



0m

1.0m

126.14

127.56
END



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

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Construction

HOLE NO. : S2-DH09

BOX NO. : 1 OF 12

DEPTH : 0.00 m TO 12.95 m

DATE OF PHOTOGRAPH : 15/ 1/2016



0m

1.0m





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DEPARTMENT

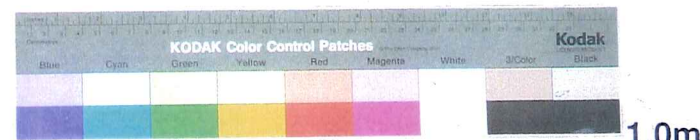
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Construction

HOLE NO. : S2-DH09

BOX NO. : 2 OF 12

DEPTH : 12.95 m TO 28.70 m

DATE OF PHOTOGRAPH : 15/ 1/2016



0m

12.95



28.70



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH09

BOX NO. : 3 OF 12

DEPTH : 28.70 m TO 44.70 m

DATE OF PHOTOGRAPH : 15/ 1/2016



0m

1.0m

28.70

44.70



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

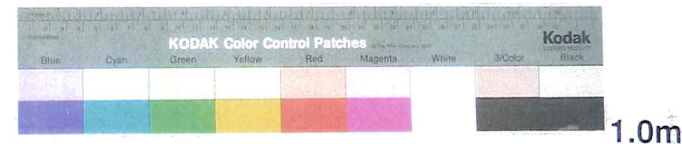
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GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
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Investigation, Design and
Construction

HOLE NO. : S2-DH09

BOX NO. : 4 OF 12

DEPTH : 44.70 m TO (55.10) m

DATE OF PHOTOGRAPH : 15/ 1/2016



0m

1.0m

44.70

54.44

54.94

(55.10)

(55.10m)

Cont'd Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

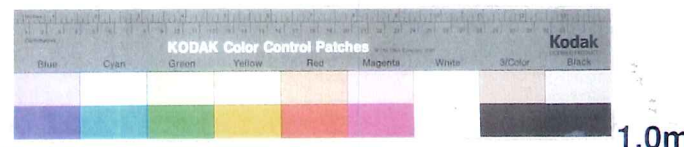
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GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
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Construction

HOLE NO. : S2-DH09

BOX NO. : 5 OF 12

DEPTH : (55.10) m TO 57.78 m

DATE OF PHOTOGRAPH : 15/ 1/2016



0m

1.0m

Cont'd

(55.10)

56.22

57.78



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
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Elevated Pedestrian Corridor
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Investigation, Design and
Construction

HOLE NO. : S2-DH09

BOX NO. : 6 OF 12

DEPTH : 57.78 m TO (60.62) m

DATE OF PHOTOGRAPH : 15/ 1/2016



0m

1.0m

57.78

58.73

60.20

(60.62)

(60.62m)

Cont'd Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
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Construction

HOLE NO. : S2-DH09

BOX NO. : 7 OF 12

DEPTH : (60.62) m TO (63.36) m

DATE OF PHOTOGRAPH : 15/ 1/2016



0m

1.0m

Cont'd

(60.62)

61.73

63.25

(63.36)

(63.36)

Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

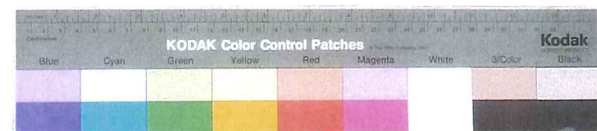
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GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
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JOB TITLE : Agreement No. CE 32/2014 (HY)
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Construction

HOLE NO. : S2-DH09

BOX NO. : 8 OF 12

DEPTH : (63.36) m TO (66.07) m

DATE OF PHOTOGRAPH : 15/ 1/2016



1.0m

0m

Cont'd

(63.36)

64.77

65.91

(66.07)

(66.07m)

Cont'd Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
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HOLE NO. : S2-DH09

BOX NO. : 9 OF 12

DEPTH : (66.07) m TO 68.86 m

DATE OF PHOTOGRAPH : 15/ 1/2016



0m

1.0m

Cont'd

(66.07)

67.43

68.86



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
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HOLE NO. : S2-DH09

BOX NO. : 10 OF 12

DEPTH : 68.86 m TO 71.33 m

DATE OF PHOTOGRAPH : 15/ 1/2016



0m

1.0m

68.86

70.33

71.33



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
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HOLE NO. : S2-DH09

BOX NO. : 11 OF 12

DEPTH : 71.33 m TO (74.12) m

DATE OF PHOTOGRAPH : 15/ 1/2016



1.0m

0m

71.33

72.03

73.56

(74.12)

cont'd Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

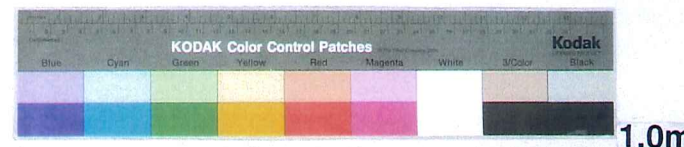
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HOLE NO. : S2-DH09

BOX NO. : 12 OF 12

DEPTH : (74.12) m TO 75.08 m

DATE OF PHOTOGRAPH : 15/ 1/2016



Cont'd

(74.12)

75.08
END



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
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Elevated Pedestrian Corridor
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HOLE NO. : S2-DH10

BOX NO. : 1 OF 12

DEPTH : 0.00 m TO 11.60 m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m





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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

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Construction

HOLE NO. : S2-DH10

BOX NO. : 2 OF 12

DEPTH : 11.60 m TO 25.60 m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m

11.60

25.60



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

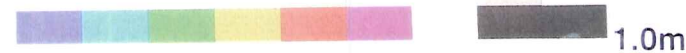
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HOLE NO. : S2-DH10

BOX NO. : 3 OF 12

DEPTH : 25.60 m TO 41.80 m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m

25.60

41.80





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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

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Investigation, Design and
Construction

HOLE NO. : S2-DH10

BOX NO. : 4 OF 12

DEPTH : 41.80 m TO 55.74 m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m

41.80

55.74



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
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Elevated Pedestrian Corridor
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Construction

HOLE NO. : **S2-DH10**

BOX NO. : **5 OF 12**

DEPTH : **55.74 m TO 58.63 m**

DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m

55.74

57.11

58.63



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

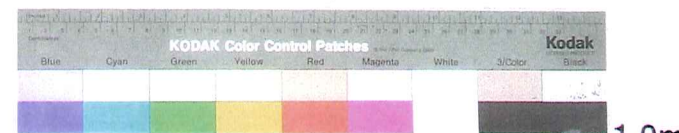
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HOLE NO. : S2-DH10

BOX NO. : 6 OF 12

DEPTH : 58.63 m TO (61.44) m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m

58.63

60.11

(61.44)

Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
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Construction

HOLE NO. : S2-DH10

BOX NO. : 7 OF 12

DEPTH : (61.44) m TO 64.32 m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m

Cont'd

(61.44)

61.56

63.09

64.32



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

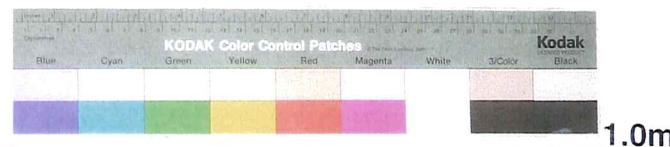
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GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
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Elevated Pedestrian Corridor
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Construction

HOLE NO. : S2-DH10

BOX NO. : 8 OF 12

DEPTH : 64.32 m TO 66.94 m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m

64.32

65.64

66.94



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DEPARTMENT

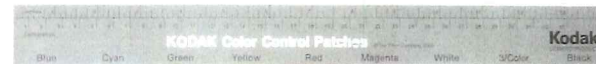
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GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
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JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
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Investigation, Design and
Construction

HOLE NO. : S2-DH10

BOX NO. : 9 OF 12

DEPTH : 66.94 m TO (69.77) m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m

66.94

68.47

(69.77)

(69.77)

Cont'd Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
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Construction

HOLE NO. : S2-DH10

BOX NO. : 10 OF 12

DEPTH : (69.77) m TO (72.36) m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m

Cont'd

(69.77)

69.99

71.40

(72.36)

Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
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Elevated Pedestrian Corridor
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Construction

HOLE NO. : S2-DH10

BOX NO. : 11 OF 12

DEPTH : (72.36) m TO (74.90) m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



0m

1.0m

Cont'd

(72.36)

72.92

74.42

(74.90)

(74.90)

Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
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TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
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Elevated Pedestrian Corridor
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Construction

HOLE NO. : S2-DH10

BOX NO. : 12 OF 12

DEPTH : (74.90) m TO 75.89 m

DATE OF PHOTOGRAPH : 15 / 2 / 2016



1.0m

0m

Cont'd

(74.90)

75.89
END



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
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Elevated Pedestrian Corridor
in Yuen Long Town connecting
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Investigation, Design and
Construction

HOLE NO. : S2-DH12

BOX NO. : 1 OF 13

DEPTH : 0.00 m TO 11.00 m

DATE OF PHOTOGRAPH : 5/ 3/2016



0m

1.0m

1

0.00

0.50

11.00



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
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WORKS ORDER NO. : GE/2014/07.34A
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Construction

HOLE NO. : S2-DH12

BOX NO. : 2 OF 13

DEPTH : 11.00 m TO 23.60 m

DATE OF PHOTOGRAPH : 5/ 3/2016



0m

1.0m

11.00

23.60



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
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Construction

HOLE NO. : S2-DH12

BOX NO. : 3 OF 13

DEPTH : 23.60 m TO 39.60 m

DATE OF PHOTOGRAPH : 5/ 3/2016



0m

1.0m

23.60

39.60



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DEPARTMENT

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Construction

HOLE NO. : S2-DH12

BOX NO. : 4 OF 13

DEPTH : 39.60 m TO 55.60 m

DATE OF PHOTOGRAPH : 5/ 3/2016



0m

1.0m

39.60

55.60



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

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Construction

HOLE NO. : S2-DH12

BOX NO. : 5 OF 13

DEPTH : 55.60 m TO 71.60 m

DATE OF PHOTOGRAPH : 5/ 3/2016



0m

1.0m

55.60

71.60



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

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Construction

HOLE NO. : S2-DH12

BOX NO. : 6 OF 13

DEPTH : 71.60 m TO (80.56) m

DATE OF PHOTOGRAPH : 5/ 3/2016



1.0m

0m

71.60

78.70

80.12

(80.56)

80.56

CON Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
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HOLE NO. : S2-DH12

BOX NO. : 7 OF 13

DEPTH : (80.56) m TO (84.48) m

DATE OF PHOTOGRAPH : 5/ 3/2016



1.0m

0m

Cont'd

(80.56)

80.94

NR

81.85

83.11

NR
83.47~83.60

83.60

NR

84.03

(84.48)

CON Cont'd

DRiLTECH

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DEPARTMENT

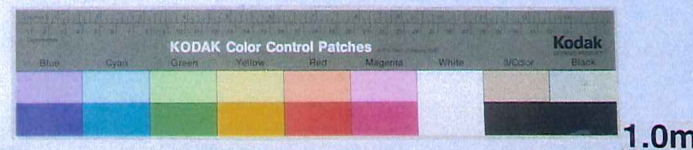
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HOLE NO. : **S2-DH12**

BOX NO. : **8 OF 13**

DEPTH : **(84.48) m TO (89.33) m**

DATE OF PHOTOGRAPH : **5/ 3/2016**



Cont'd

(84.48)



85.42



86.38



NR

88.53

(89.33)

Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

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HOLE NO. : S2-DH12

BOX NO. : 9 OF 13

DEPTH : (89.33) m TO 93.50 m

DATE OF PHOTOGRAPH : 5/ 3/2016



1.0m

0m

Cont'd





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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

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Construction

HOLE NO. : S2-DH12

BOX NO. : 10 OF 13

DEPTH : 93.50 m TO (96.43) m

DATE OF PHOTOGRAPH : 5/ 3/2016



0m

1.0m

93.50

94.45

95.95

(96.43)

96.43m

Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

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Construction

HOLE NO. : S2-DH12

BOX NO. : 11 OF 13

DEPTH : (96.43) m TO (103.00) m

DATE OF PHOTOGRAPH : 5/ 3/2016



1.0m

0m

Cont'd

(96.43)



97.24



98.01

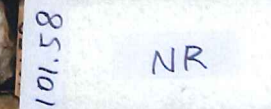


NR



101.10

101.58



NR



102.60

(103.00)

Cont'd

DRiLTECH

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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

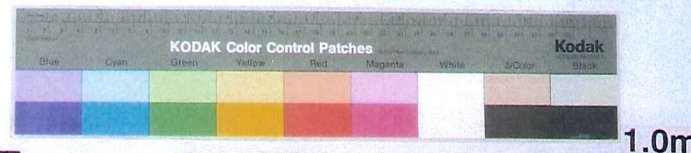
CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : **S2-DH12**

BOX NO. : **12 OF 13**

DEPTH : **(103.00)m TO (111.71) m**

DATE OF PHOTOGRAPH : **5/ 3/2016**



Cont'd

(103.00)



CON Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH12

BOX NO. : 13 OF 13

DEPTH : (111.71) m TO 120.45 m

DATE OF PHOTOGRAPH : 5/ 3/2016



1.0m

0m

Cont'd

(111.71)



112.45

NR

116.48



116.63



NR

117.35



117.60



NR

120.45

END



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH17

BOX NO. : 1 OF 11

DEPTH : 0.00 m TO 8.60 m

DATE OF PHOTOGRAPH : 5/ 3/2016



0m

1.0m

1

0.00

0.50

0.90

8.60



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH17

BOX NO. : 2 OF 11

DEPTH : 8.60 m TO 23.20 m

DATE OF PHOTOGRAPH : 5/ 3/2016



0m

1.0m

8.60

23.20



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH17

BOX NO. : 3 OF 11

DEPTH : 23.20 m TO 36.20 m

DATE OF PHOTOGRAPH : 5/ 3/2016



0m

1.0m

23.20

m

29.87

30.32

NR

30.80 ~ 31.60

31.80

36.20



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH17

BOX NO. : 4 OF 11

DEPTH : 36.20 m TO (42.35) m

DATE OF PHOTOGRAPH : 5/ 3/2016



0m

1.0m

36.20

40.05

41.57

(42.35)

(42.35M)

Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

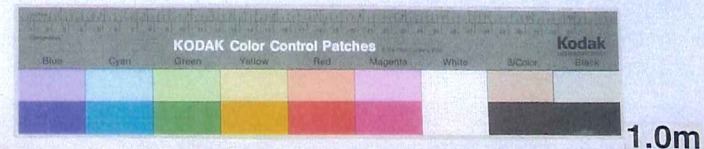
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GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH17

BOX NO. : 5 OF 11

DEPTH : (42.35) m TO (45.17) m

DATE OF PHOTOGRAPH : 5/ 3/2016



Cont'd

(42.35)

42.77

44.01

(45.17)

Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH17

BOX NO. : 6 OF 11

DEPTH : (45.17) m TO (47.92) m

DATE OF PHOTOGRAPH : 5/ 3/2016



0m

1.0m

Cont'd

(45.17)

45.33

46.86

(47.92)

Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH17

BOX NO. : 7 OF 11

DEPTH : (47.92) m TO (50.79) m

DATE OF PHOTOGRAPH : 5/ 3/2016



1.0m

0m

Cont'd

(47.92)

48.12

49.58

(50.79)

Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : **S2-DH17**

BOX NO. : **8 OF 11**

DEPTH : **(50.79) m TO 53.56 m**

DATE OF PHOTOGRAPH : **5/ 3/2016**



0m

1.0m

Cont'd

(50.79)

51.07

52.43

53.56



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : **S2-DH17**

BOX NO. : **9** OF **11**

DEPTH : **53.56** m TO **(56.47)** m

DATE OF PHOTOGRAPH : 5/ 3/2016



0m

1.0m

53.56

55.10

(56.47)

Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH17

BOX NO. : 10 OF 11

DEPTH : (56.47) m TO (59.30) m

DATE OF PHOTOGRAPH : 5/ 3/2016



Cont'd

(56.47)

56.63

58.12

(59.30)

Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH17

BOX NO. : 11 OF 11

DEPTH : (59.30) m TO 60.95 m

DATE OF PHOTOGRAPH : 5/ 3/2016



0m

1.0m

Cont'd

(59.30)

59.53

60.95
END



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH18

BOX NO. : 1 OF 16

DEPTH : 0.00 m TO 12.65 m

DATE OF PHOTOGRAPH : 11/ 3/2016



0m

1.0m

1

0.00

0.50

12.65



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH18

BOX NO. : 2 OF 16

DEPTH : 12.65 m TO 22.60 m

DATE OF PHOTOGRAPH : 11/ 3/2016



0m

1.0m

12.65

20.96

22.00

22.60

21.69

21.69

22.60



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
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in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH18

BOX NO. : 3 OF 16

DEPTH : 22.60 m TO 29.20 m

DATE OF PHOTOGRAPH : 11/ 3/2016



0m

1.0m

22.60m

22.60

23.20

26.30

27.00

29.20



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH18

BOX NO. : 4 OF 16

DEPTH : 29.20 m TO (40.07) m

DATE OF PHOTOGRAPH : 11/ 3/2016



0m

1.0m





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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH18

BOX NO. : 5 OF 16

DEPTH : (40.07) m TO 42.96 m

DATE OF PHOTOGRAPH : 11/ 3/2016



0m

1.0m

Cont'd





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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH18

BOX NO. : 6 OF 16

DEPTH : 42.96 m TO (45.70) m

DATE OF PHOTOGRAPH : 11/ 3/2016



0m

1.0m

42.96

44.47

(45.70)

(45.70m)

Cont'd

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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH18

BOX NO. : 7 OF 16

DEPTH : (45.70) m TO 48.35 m

DATE OF PHOTOGRAPH : 11/ 3/2016



1.0m

0m

Cont'd

(45.70)

45.90

47.10

48.35

CR 125M
48.35H



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH18

BOX NO. : 8 OF 16

DEPTH : 48.35 m TO 51.28 m

DATE OF PHOTOGRAPH : 11/ 3/2016



0m

1.0m

48.35

48.91

50.17

NR

50.97 ~ 51.28

51.28



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH18

BOX NO. : 9 OF 16

DEPTH : 51.28 m TO (54.64) m

DATE OF PHOTOGRAPH : 11/ 3/2016



0m

1.0m

51.28

51.86

53.00

54.36

(54.64)

(54.64)

Cont'd

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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : **S2-DH18**

BOX NO. : **10 OF 16**

DEPTH : **(54.64) m TO (57.49) m**

DATE OF PHOTOGRAPH : 11/ 3/2016



1.0m

0m

Cont'd

(54.64)

55.75

57.26

(57.49)

Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH18

BOX NO. : 11 OF 16

DEPTH : (57.49) m TO (60.32) m

DATE OF PHOTOGRAPH : 11/ 3/2016



0m

1.0m

Cont'd

(57.49)

58.62

60.17

(60.32)

Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH18

BOX NO. : 12 OF 16

DEPTH : (60.32) m TO 63.15 m

DATE OF PHOTOGRAPH : 11/ 3/2016



1.0m

0m

Cont'd

(60.32)

61.63

63.15



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A

JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH18

BOX NO. : 13 OF 16

DEPTH : 63.15 m TO (65.85) m

DATE OF PHOTOGRAPH : 11/ 3/2016



0m

1.0m

63.15

64.54

(65.85)

(65.85)

Cont'd



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DEPARTMENT

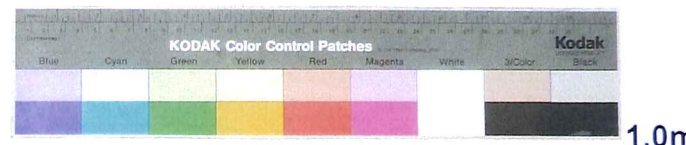
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GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH18

BOX NO. : 14 OF 16

DEPTH : (65.85) m TO (68.60) m

DATE OF PHOTOGRAPH : 11/ 3/2016



0m

1.0m

Cont'd

(65.85)

66.04

67.53

(68.60)

Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
in Yuen Long Town connecting
with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH18

BOX NO. : 15 OF 16

DEPTH : (68.60) m TO (71.40) m

DATE OF PHOTOGRAPH : 11/ 3/2016



0m

1.0m

Cont'd

(68.60)

69.06

70.58

(71.40)

Cont'd



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CIVIL ENGINEERING AND DEVELOPMENT
DEPARTMENT

CEDD CONTRACT NO. : GE/2014/07
GROUND INVESTIGATION - NEW
TERRITORIES WEST (TERM CONTRACT)
WORKS ORDER NO. : GE/2014/07.34A
JOB TITLE : Agreement No. CE 32/2014 (HY)
Elevated Pedestrian Corridor
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with Long Ping Station -
Investigation, Design and
Construction

HOLE NO. : S2-DH18

BOX NO. : 16 OF 16

DEPTH : (71.40) m TO 73.48 m

DATE OF PHOTOGRAPH : 11/ 3/2016



0m

1.0m

Cont'd

(71.40)

71.93

73.48
END



Contract No. GE/2014/07
Ground Investigation – New Territories West (Term Contract)

Appendix E

Constant Head Permeability Test Results

Contract No. : GE/2014/07

Works Order No. : GE/2014/07.34A

Project :

Agreement No. CE 32/2014 (HY), Elevated Pedestrian Corridor in Yuen Long Town connecting with Long Ping Station - Investigation, Design and Construction, Ground Investigation (Stage 2)

Test Supervised By : C.K. Chiu

Measuring Cylinder I.D. : DT-033-052

Date of Test : 12/Jan/16

Co-ordinates :

E : 820730.30

N : 834163.68

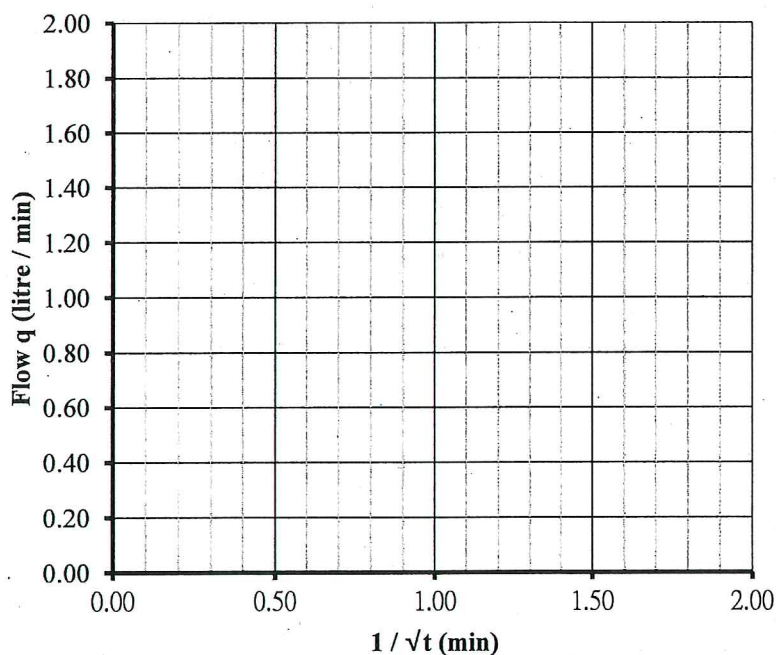
Ground Level : +0.76 mPD

Test Zone : 16.80 m to 18.30 m

Initial Water Level : 0.10 m below G.L.

Elapsed Time t (min)	$\frac{1}{\sqrt{t}}$ (min)	Intake Flow Q (litre)	Flow q dQ/dt (litre / min)
0	15	0.00	0.26
0.25	20	2.00	0.22
0.50	25	1.41	0.20
0.75	30	1.15	0.18
1	40	1.00	0.16
2	50	0.71	0.14
3	60	0.58	0.13
4		0.50	
5		0.45	
6		0.41	
7		0.38	
8		0.35	
9		0.33	
10		0.32	

Please refer to
"Remarks"

Please refer to
"Remarks"


Filter Material : Marble Stone

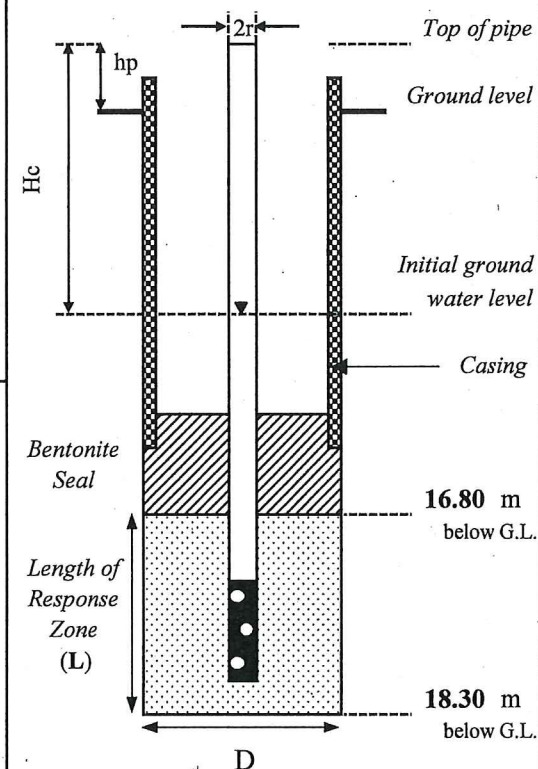
Material Surrounding Response Zone :

From 16.80m to 18.30m: Grade V RHYOLITE / SILTSTONE (Silty CLAY)

Remarks :

1. Total 0.14 litre of intake flow was measured in the period of 60 minutes.

Internal diameter of the pipe	2r = 0.040 m
Internal diameter of the drillhole	D = 0.141 m
Length of test zone	L = 1.50 m
Length of stick out of the pipe	hp = 1.15 m
Constant water head	Hc = 1.25 m



Not to Scale

Intake Factor

$$F = \frac{2.4\pi L}{\ln[1.2L/D + \sqrt{(1.2L/D)^2 + 1}]}$$

$$F = \frac{3.49}{m}$$

From the graph, when t tends to infinity
(i.e. When $1/\sqrt{t}$ tends to zero)

$$q = 0.00233 \text{ l/min}$$

$$\text{which } q = \frac{3.89E-08}{m^3/sec}$$

Permeability

$$k = q / (F Hc)$$

$$k = 8.92E-09 \text{ m/s}$$

Checked by :

R. Chu

Date :

12/Jan/16

Contract No. : GE/2014/07

Date of Test : 31/Dec/15

Works Order No. : GE/2014/07.34A

Co-ordinates :

Project :

E : 820730.23

N : 834140.42

Agreement No. CE 32/2014 (HY), Elevated Pedestrian Corridor in Yuen Long Town connecting with Long Ping Station - Investigation, Design and Construction, Ground Investigation (Stage 2)

Ground Level : +0.73 mPD

Test Supervised By : C.K. Chiu

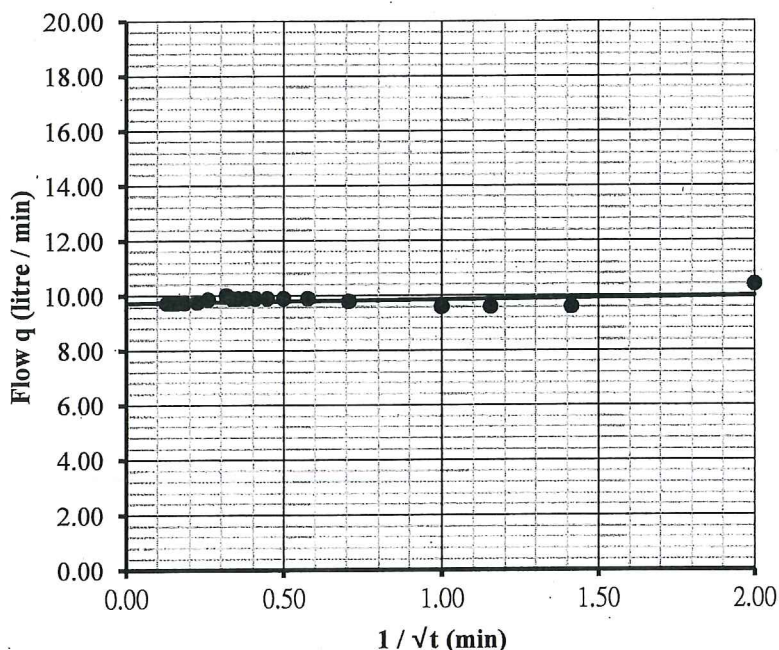
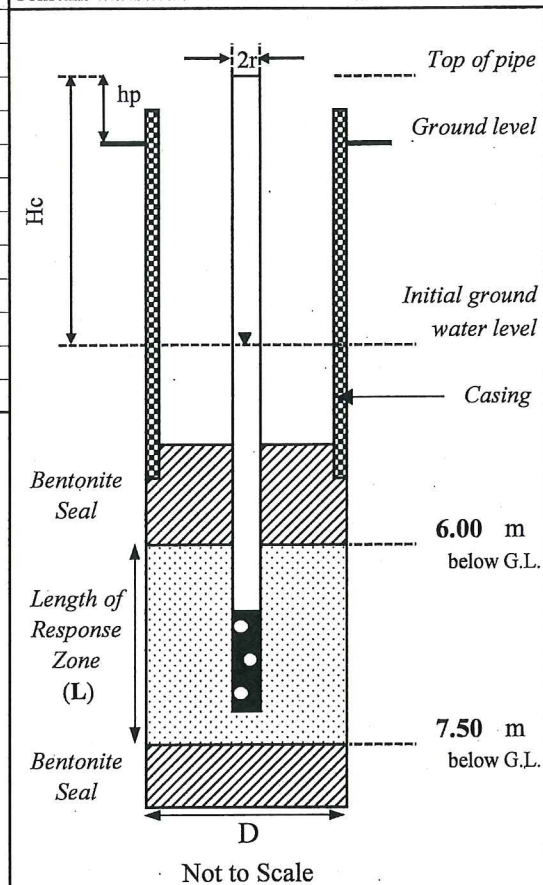
Test Zone : 6.00 m to 7.50 m

Flowmeter I.D. : DT-018-028

Initial Water Level : 0.20 m above G.L.

Elapsed Time t (min)		$\frac{1}{\sqrt{t}}$ (min)		Intake Flow Q (litre)		Flow q dQ/dt (litre / min)	
0	15	0.00	0.26	1430.0	1578.2	0.00	9.86
0.25	20	2.00	0.22	1432.6	1627.0	10.40	9.76
0.50	25	1.41	0.20	1435.0	1675.8	9.60	9.76
0.75	30	1.15	0.18	1437.4	1724.5	9.60	9.74
1	40	1.00	0.16	1439.8	1821.7	9.60	9.72
2	50	0.71	0.14	1449.6	1919.0	9.80	9.73
3	60	0.58	0.13	1459.5	2016.3	9.90	9.73
4		0.50		1469.4		9.90	
5		0.45		1479.3		9.90	
6		0.41		1489.2		9.90	
7		0.38		1499.1		9.90	
8		0.35		1509.0		9.90	
9		0.33		1518.9		9.90	
10		0.32		1528.9		10.00	

Internal diameter of the pipe	2r = 0.040 m
Internal diameter of the drillhole	D = 0.165 m
Length of test zone	L = 1.50 m
Length of stick out of the pipe	hp = 1.77 m
Constant water head	Hc = 1.57 m



Intake Factor

$$F = \frac{2.4\pi L}{\ln[1.2L/D + \sqrt{(1.2L/D)^2 + 1}]}$$

$$F = \frac{3.67}{m}$$

From the graph, when t tends to infinity
(i.e. When $1/\sqrt{t}$ tends to zero)

$$q = 9.73 \text{ l/min}$$

$$\text{which } q = \frac{1.62E-04}{m^3 / \text{sec}}$$

Permeability

$$k = q / (F H_c)$$

$$k = 2.82E-05 \text{ m/s}$$

Filter Material : Marble Stone

Material Surrounding Response Zone :

From 6.00m to 7.50m: ALLUVIUM (Slightly silty clayey fine to coarse SAND / Slightly sandy silty CLAY)

Remarks :

Checked by : R. Chu

Date : 31/Dec/15



CONSTANT HEAD
PERMEABILITY TEST RECORD

Drillhole No.

S2-DH04

Contract No. : GE/2014/07

Date of Test : 21/Jan/16

Works Order No. : GE/2014/07.34A

Co-ordinates :

E : 820723.54

N : 834098.13

Project :

Agreement No. CE 32/2014 (HY), Elevated Pedestrian Corridor in
Yuen Long Town connecting with Long Ping Station -
Investigation, Design and Construction, Ground Investigation (Stage 2)

Ground Level : +0.71 mPD

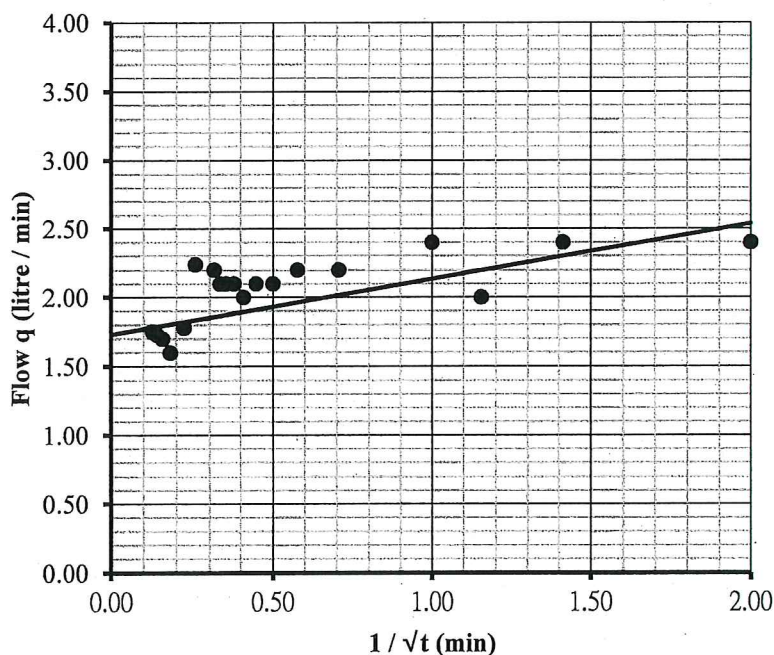
Test Supervised By : C.K. Chiu

Test Zone : 5.20 m to 6.70 m

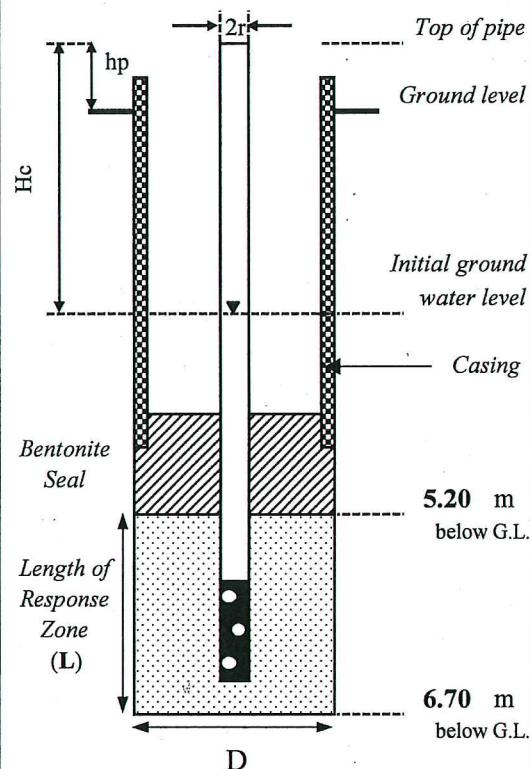
Flowmeter I.D. : DT-018-028

Initial Water Level : 0.24 m above G.L.

Elapsed Time t (min)		$\frac{1}{\sqrt{t}}$ (min)		Intake Flow Q (litre)		Flow q dQ/dt (litre / min)	
0	15	0.00	0.26	572.0	604.6	0.00	2.24
0.25	20	2.00	0.22	572.6	613.5	2.40	1.78
0.50	25	1.41	0.20	573.2	622.0	2.40	1.70
0.75	30	1.15	0.18	573.7	630.0	2.00	1.60
1	40	1.00	0.16	574.3	647.0	2.40	1.70
2	50	0.71	0.14	576.5	664.3	2.20	1.73
3	60	0.58	0.13	578.7	681.8	2.20	1.75
4		0.50		580.8			2.10
5		0.45		582.9			2.10
6		0.41		584.9			2.00
7		0.38		587.0			2.10
8		0.35		589.1			2.10
9		0.33		591.2			2.10
10		0.32		593.4			2.20



Internal diameter of the pipe $2r = 0.040$ m
Internal diameter of the drillhole $D = 0.165$ m
Length of test zone $L = 1.50$ m
Length of stick out of the pipe $hp = 1.10$ m
Constant water head $H_c = 0.86$ m



Not to Scale

Intake Factor

$$F = \frac{2.4\pi L}{\ln[1.2L/D + \sqrt{(1.2L/D)^2 + 1}]}$$
$$F = \underline{\underline{3.67}} \text{ m}$$

From the graph, when t tends to infinity
(i.e. When $1/\sqrt{t}$ tends to zero)

$$q = 1.73 \text{ l/min}$$
$$\text{which } q = \underline{\underline{2.88E-05}} \text{ m}^3/\text{sec}$$

Permeability

$$k = q / (F H_c)$$

$$k = \underline{\underline{9.14E-06}} \text{ m/s}$$

Filter Material : Marble Stone

Material Surrounding Response Zone :

From 5.20m to 6.70m: ALLUVIUM (Slightly sandy silty CLAY)

Remarks :

Checked by : R. Chu
Date : 21/Jan/16

Contract No. : GE/2014/07

Date of Test : 09/Jan/16

Works Order No. : GE/2014/07.34A

Co-ordinates :

Project :

E : 820708.65

N : 834096.66

Agreement No. CE 32/2014 (HY), Elevated Pedestrian Corridor in Yuen Long Town connecting with Long Ping Station - Investigation, Design and Construction, Ground Investigation (Stage 2)

Ground Level : +0.66 mPD

Test Supervised By : C.K. Chiu

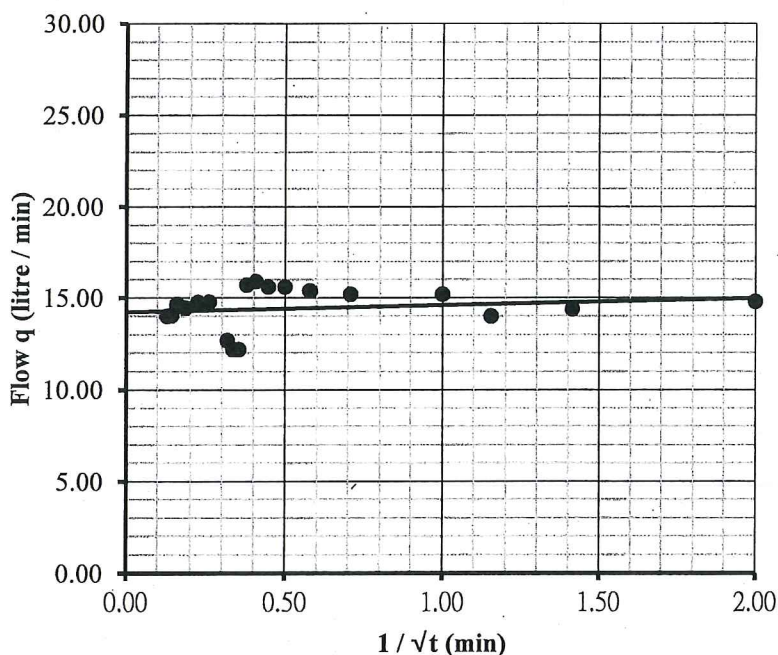
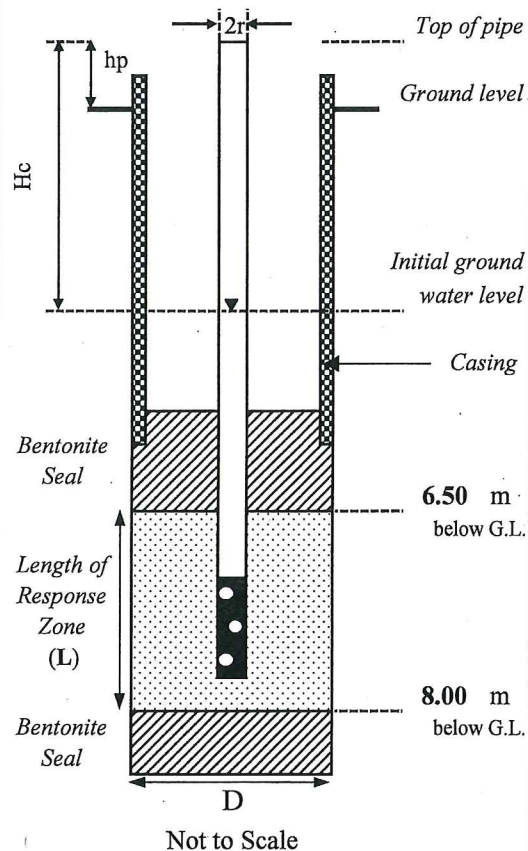
Test Zone : 6.50 m to 8.00 m

Flowmeter I.D. : DT-018-028

Initial Water Level : 0.44 m above G.L.

Elapsed Time t (min)		$\frac{1}{\sqrt{t}}$ (min)		Intake Flow Q (litre)		Flow q dQ/dt (litre / min)	
0	15	0.00	0.26	788.0	1007.0	0.00	14.78
0.25	20	2.00	0.22	791.7	1080.8	14.80	14.76
0.50	25	1.41	0.20	795.3	1154.0	14.40	14.64
0.75	30	1.15	0.18	798.8	1226.3	14.00	14.46
1	40	1.00	0.16	802.6	1372.8	15.20	14.65
2	50	0.71	0.14	817.8	1513.2	15.20	14.04
3	60	0.58	0.13	833.2	1653.3	15.40	14.01
4		0.50		848.8		15.60	
5		0.45		864.4		15.60	
6		0.41		880.3		15.90	
7		0.38		896.0		15.70	
8		0.35		908.2		12.20	
9		0.33		920.4		12.20	
10		0.32		933.1		12.70	

Internal diameter of the pipe	2r = 0.040 m
Internal diameter of the drillhole	D = 0.165 m
Length of test zone	L = 1.50 m
Length of stick out of the pipe	hp = 1.30 m
Constant water head	Hc = 0.86 m



Intake Factor

$$F = \frac{2.4\pi L}{\ln[1.2L/D + \sqrt{(1.2L/D)^2 + 1}]}$$

$$F = \frac{3.67}{m}$$

From the graph, when t tends to infinity
(i.e. When $1/\sqrt{t}$ tends to zero)

$$q = 14.23 \text{ l/min}$$

$$\text{which } q = \frac{2.37E-04}{m^3/\text{sec}}$$

Permeability

$$k = q / (F H_c)$$

$$k = 7.52E-05 \text{ m/s}$$

Checked by :

R. Chu

Date :

09/Jan/16

Filter Material : Marble Stone

Material Surrounding Response Zone :

From 6.50m to 8.00m: ALLUVIUM (Clayey silty fine to coarse SAND)

Remarks :

Contract No. : GE/2014/07

Date of Test : 05/Jan/16

Works Order No. : GE/2014/07.34A

Co-ordinates :

Project :

E : 820724.53

Agreement No. CE 32/2014 (HY), Elevated Pedestrian Corridor in
Yuen Long Town connecting with Long Ping Station -
Investigation, Design and Construction, Ground Investigation (Stage 2)

N : 834067.11

Test Supervised By : C.K. Chiu

Ground Level : +0.76 mPD

Test Zone : 14.60 m to 16.10 m

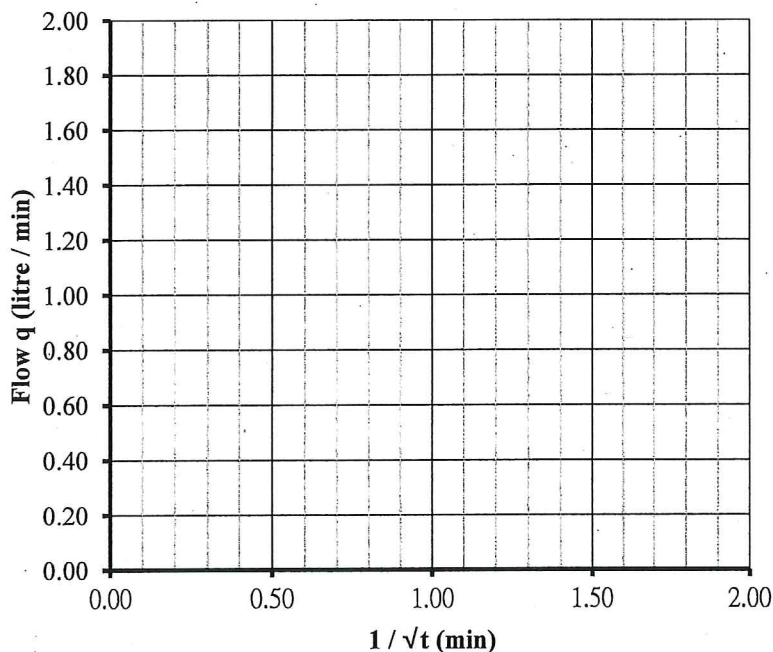
Measuring Cylinder I.D. : DT-033-052

Initial Water Level : 0.00 m below G.L.

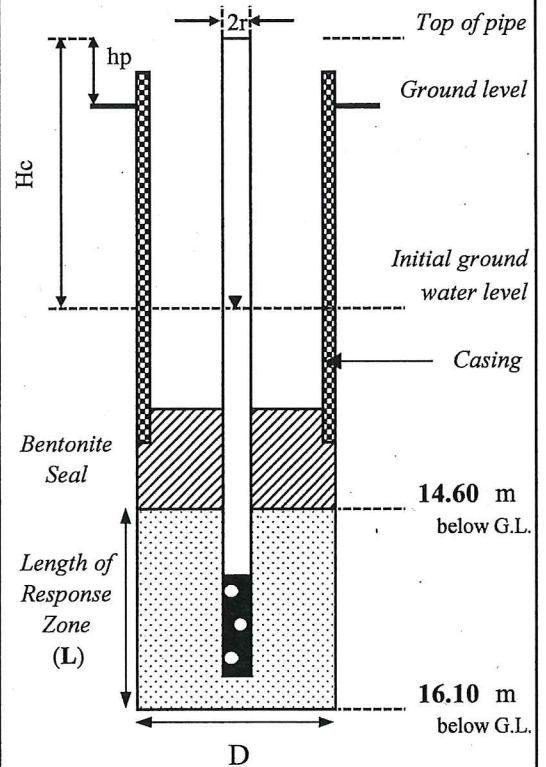
Elapsed Time t (min)	$\frac{1}{\sqrt{t}}$ (min)	Intake Flow Q (litre)	Flow q dQ/dt (litre / min)
0	15	0.00	0.26
0.25	20	2.00	0.22
0.50	25	1.41	0.20
0.75	30	1.15	0.18
1	40	1.00	0.16
2	50	0.71	0.14
3	60	0.58	0.13
4		0.50	
5		0.45	
6		0.41	
7		0.38	
8		0.35	
9		0.33	
10		0.32	

Please refer to
"Remarks"

Please refer to
"Remarks"



Internal diameter of the pipe $2r = 0.040$ m
Internal diameter of the drillhole $D = 0.141$ m
Length of test zone $L = 1.50$ m
Length of stick out of the pipe $hp = 1.06$ m
Constant water head $Hc = 1.06$ m



Intake Factor

$$F = \frac{2.4\pi L}{\ln[1.2L/D + \sqrt{(1.2L/D)^2 + 1}]}$$

$$F = 3.49 \text{ m}$$

From the graph, when t tends to infinity
(i.e. When $1/\sqrt{t}$ tends to zero)

$$q = 0.001667 \text{ l/min}$$

$$\text{which } q = 2.78E-08 \text{ m}^3/\text{sec}$$

Permeability

$$k = q / (F Hc)$$

$$k = 7.51E-09 \text{ m/s}$$

Filter Material : Marble Stone

Material Surrounding Response Zone :

From 14.60m to 16.10m: RESIDUAL SOIL (Slightly sandy silty CLAY)

Remarks :

1. Total 0.10 litre of intake flow was measured in the period of 60 minutes.

Checked by : R. Chu
Date : 05/Jan/16

Contract No. : GE/2014/07

Date of Test : 24/Feb/16

Works Order No. : GE/2014/07.34A

Co-ordinates :

Project :

E : 820707.98

N : 834067.38

Agreement No. CE 32/2014 (HY), Elevated Pedestrian Corridor in

Yuen Long Town connecting with Long Ping Station -

Investigation, Design and Construction, Ground Investigation (Stage 2)

Ground Level : +0.74 mPD

Test Supervised By : C.K. Chiu

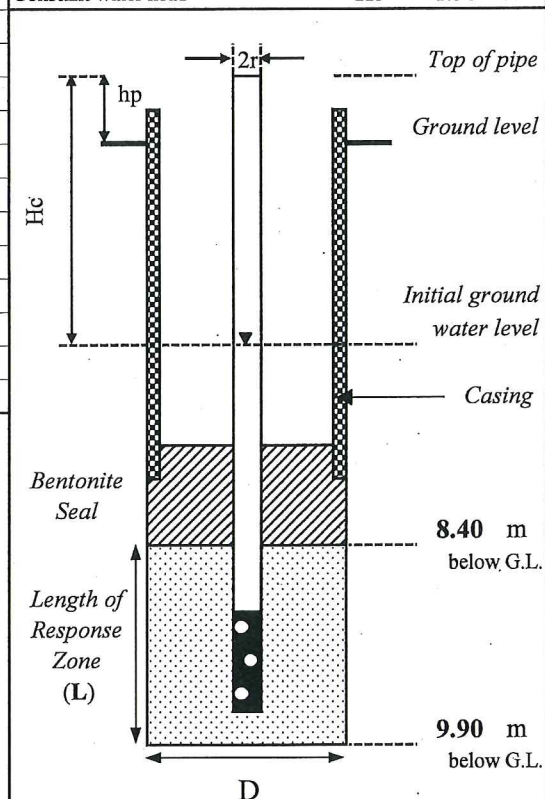
Test Zone : 8.40 m to 9.90 m

Flowmeter I.D. : DT-018-028

Initial Water Level : 0.10 m above G.L.

Elapsed Time t (min)		$\frac{1}{\sqrt{t}}$ (min)		Intake Flow Q (litre)		Flow q dQ/dt (litre / min)	
0	15	0.00	0.26	35.0	393.0	0.00	27.00
0.25	20	2.00	0.22	37.0	529.0	8.00	27.20
0.50	25	1.41	0.20	40.0	665.0	12.00	27.20
0.75	30	1.15	0.18	43.0	818.0	12.00	30.60
1	40	1.00	0.16	46.0	1113.0	12.00	29.50
2	50	0.71	0.14	58.5	1405.0	12.50	29.20
3	60	0.58	0.13	75.0	1695.0	16.50	29.00
4		0.50		97.5			22.50
5		0.45		125.0			27.50
6		0.41		152.0			27.00
7		0.38		177.5			25.50
8		0.35		204.0			26.50
9		0.33		231.0			27.00
10		0.32		258.0			27.00

Internal diameter of the pipe	2r = 0.040 m
Internal diameter of the drillhole	D = 0.165 m
Length of test zone	L = 1.50 m
Length of stick out of the pipe	hp = 1.60 m
Constant water head	Hc = 1.50 m



Not to Scale

Intake Factor

$$F = \frac{2.4\pi L}{\ln[1.2L/D + \sqrt{(1.2L/D)^2 + 1}]}$$

$$F = \underline{\underline{3.67}} \text{ m}$$

From the graph, when t tends to infinity
(i.e. When $1/\sqrt{t}$ tends to zero)

$$q = \underline{\underline{29.23}} \text{ l / min}$$

$$\text{which } q = \underline{\underline{4.87E-04}} \text{ m}^3 / \text{sec}$$

Permeability

$$k = q / (F H_c)$$

$$k = \underline{\underline{8.86E-05}} \text{ m/s}$$

Filter Material : Marble Stone

Material Surrounding Response Zone :

From 8.40m to 9.90m: ALLUVIUM (Slightly silty clayey very sandy fine GRAVEL)

Remarks :

Checked by :

R. Chu

Date :

24/Feb/16

Contract No. : GE/2014/07

Works Order No. : GE/2014/07.34A

Project :

Agreement No. CE 32/2014 (HY), Elevated Pedestrian Corridor in
Yuen Long Town connecting with Long Ping Station -
Investigation, Design and Construction, Ground Investigation (Stage 2)

Test Supervised By : C.K. Chiu

Flowmeter I.D. : DT-018-028

Date of Test : 02/Feb/16

Co-ordinates :

E : 820724.52

N : 834043.74

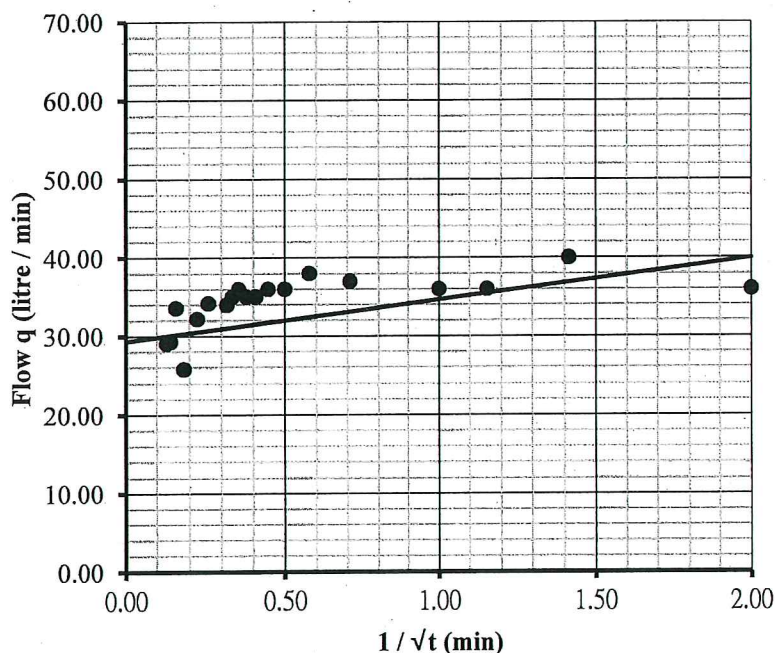
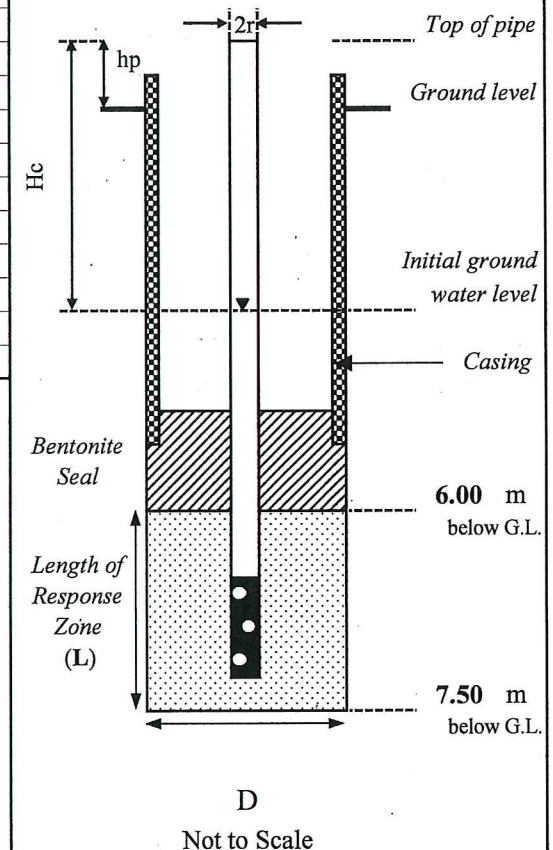
Ground Level : +0.80 mPD

Test Zone : 6.00 m to 7.50 m

Initial Water Level : 0.45 m above G.L.

Elapsed Time t (min)		$\frac{1}{\sqrt{t}}$ (min)		Intake Flow Q (litre)		Flow q dQ/dt (litre / min)	
0	15	0.00	0.26	384.0	914.0	0.00	34.20
0.25	20	2.00	0.22	393.0	1075.0	36.00	32.20
0.50	25	1.41	0.20	403.0	1239.0	40.00	32.80
0.75	30	1.15	0.18	412.0	1368.0	36.00	25.80
1	40	1.00	0.16	421.0	1704.0	36.00	33.60
2	50	0.71	0.14	458.0	1997.0	37.00	29.30
3	60	0.58	0.13	496.0	2288.0	38.00	29.10
4	70	0.50	0.12	532.0	2584.0	36.00	29.60
5		0.45		568.0		36.00	
6		0.41		603.0		35.00	
7		0.38		638.0		35.00	
8		0.35		674.0		36.00	
9		0.33		709.0		35.00	
10		0.32		743.0		34.00	

Internal diameter of the pipe	2r = 0.040 m
Internal diameter of the drillhole	D = 0.165 m
Length of test zone	L = 1.50 m
Length of stick out of the pipe	hp = 1.60 m
Constant water head	Hc = 1.15 m



Filter Material : Marble Stone

Material Surrounding Response Zone :

From 6.00m to 7.50m: ALLUVIUM (Slightly clayey silty fine to coarse SAND)

Remarks :

Intake Factor

$$F = \frac{2.4\pi L}{\ln[1.2L/D + \sqrt{(1 + (1.2L/D)^2)]}$$

$$F = \underline{\underline{3.67}} \text{ m}$$

From the graph, when t tends to infinity
(i.e. When $1/\sqrt{t}$ tends to zero)

$$q = 29.33 \text{ l/min}$$

$$\text{which } q = \underline{\underline{4.89E-04}} \text{ m}^3/\text{sec}$$

Permeability

$$k = q / (F Hc)$$

$$k = \underline{\underline{1.16E-04}} \text{ m/s}$$

Checked by :

R. Chu

Date :

02/Feb/16

Contract No. : GE/2014/07

Works Order No. : GE/2014/07.34A

Project :

Agreement No. CE 32/2014 (HY), Elevated Pedestrian Corridor in Yuen Long Town connecting with Long Ping Station - Investigation, Design and Construction, Ground Investigation (Stage 2)

Test Supervised By : C.K. Chiu

Flowmeter I.D. : DT-018-028

Date of Test : 05/Jan/16

Co-ordinates :

E : 820717.40

N : 833943.60

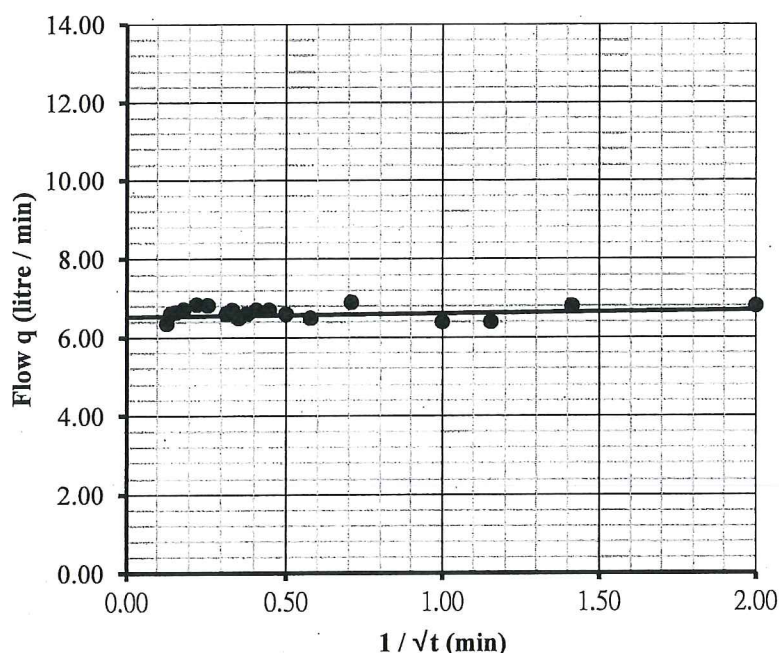
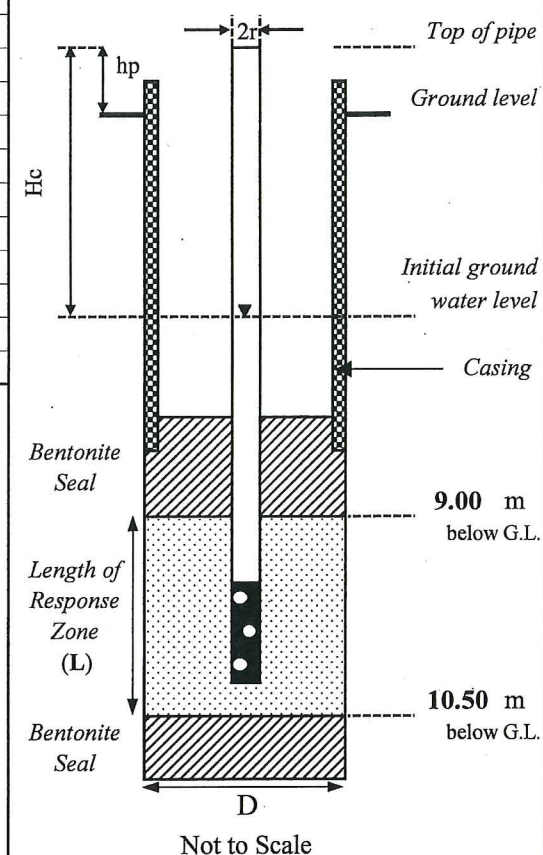
Ground Level : +0.95 mPD

Test Zone : 9.00 m to 10.50 m

Initial Water Level : 0.50 m above G.L.

Elapsed Time t (min)		$\frac{1}{\sqrt{t}}$ (min)		Intake Flow Q (litre)		Flow q dQ/dt (litre / min)	
0	15	0.00	0.26	219.0	319.5	0.00	6.82
0.25	20	2.00	0.22	220.7	353.7	6.80	6.84
0.50	25	1.41	0.20	222.4	387.2	6.80	6.70
0.75	30	1.15	0.18	224.0	420.8	6.40	6.72
1	40	1.00	0.16	225.6	487.2	6.40	6.64
2	50	0.71	0.14	232.5	553.2	6.90	6.60
3	60	0.58	0.13	239.0	616.8	6.50	6.36
4		0.50		245.6		6.60	
5		0.45		252.3		6.70	
6		0.41		259.0		6.70	
7		0.38		265.6		6.60	
8		0.35		272.1		6.50	
9		0.33		278.8		6.70	
10		0.32		285.4		6.60	

Internal diameter of the pipe	2r = 0.040 m
Internal diameter of the drillhole	D = 0.165 m
Length of test zone	L = 1.50 m
Length of stick out of the pipe	hp = 1.45 m
Constant water head	Hc = 0.95 m



Filter Material : Marble Stone

Material Surrounding Response Zone :

From 9.00m to 10.50m: ALLUVIUM (Slightly clayey silty fine to coarse SAND)

Remarks :

Intake Factor

$$F = \frac{2.4\pi L}{\ln[1.2L/D + \sqrt{(1.2L/D)^2 + 1}]}$$

$$F = \underline{\underline{3.67}} \text{ m}$$

From the graph, when t tends to infinity
(i.e. When $1/\sqrt{t}$ tends to zero)

$$q = 6.53 \text{ l/min}$$

$$\text{which } q = \underline{\underline{1.09E-04}} \text{ m}^3/\text{sec}$$

Permeability

$$k = q / (F H_c)$$

$$k = \underline{\underline{3.12E-05}} \text{ m/s}$$

Checked by : R. Chu

Date : 05/Jan/16

Contract No. : GE/2014/07

Date of Test : 22/Jan/16

Works Order No. : GE/2014/07.34A

Co-ordinates :

Project :

E : 820714.11

N : 833927.56

Agreement No. CE 32/2014 (HY), Elevated Pedestrian Corridor in Yuen Long Town connecting with Long Ping Station - Investigation, Design and Construction, Ground Investigation (Stage 2)

Ground Level : +0.91 mPD

Test Supervised By : C.K. Chiu

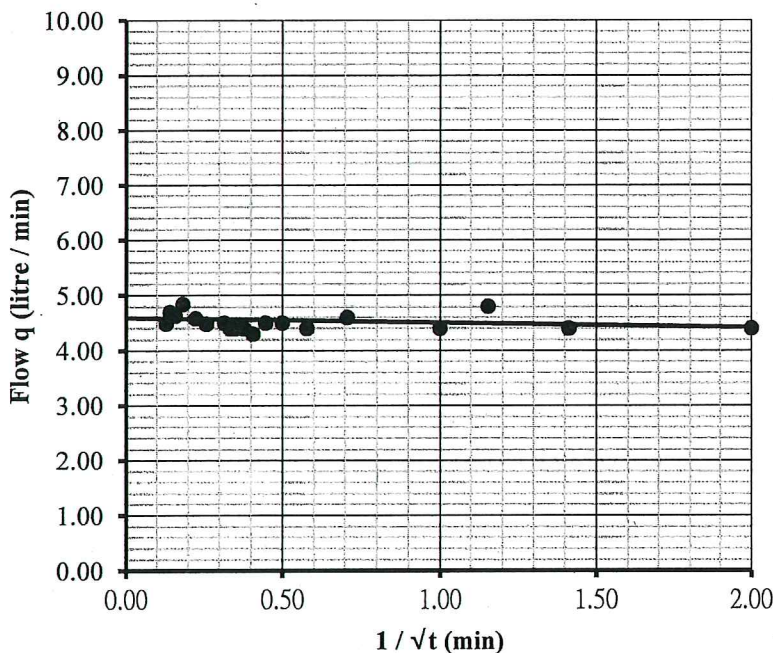
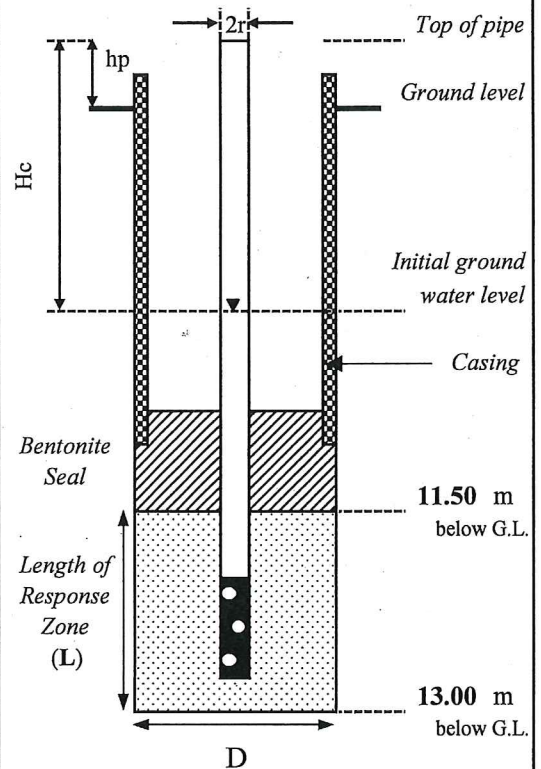
Test Zone : 11.50 m to 13.00 m

Flowmeter I.D. : DT-018-028

Initial Water Level : 0.53 m above G.L.

Elapsed Time t (min)		$\frac{1}{\sqrt{t}}$ (min)		Intake Flow Q (litre)		Flow q dQ/dt (litre / min)	
0	15	0.00	0.26	896.0	962.9	0.00	4.48
0.25	20	2.00	0.22	897.1	985.8	4.40	4.58
0.50	25	1.41	0.20	898.2	1009.9	4.40	4.82
0.75	30	1.15	0.18	899.4	1034.1	4.80	4.84
1	40	1.00	0.16	900.5	1080.4	4.40	4.63
2	50	0.71	0.14	905.1	1127.3	4.60	4.69
3	60	0.58	0.13	909.5	1172.2	4.40	4.49
4		0.50		914.0			4.50
5		0.45		918.5			4.50
6		0.41		922.8			4.30
7		0.38		927.2			4.40
8		0.35		931.6			4.40
9		0.33		936.0			4.40
10		0.32		940.5			4.50

Internal diameter of the pipe	2r = 0.040 m
Internal diameter of the drillhole	D = 0.165 m
Length of test zone	L = 1.50 m
Length of stick out of the pipe	hp = 1.20 m
Constant water head	Hc = 0.66 m



Filter Material : Marble Stone

Material Surrounding Response Zone :

From 11.50m to 13.00m: ALLUVIUM (Slightly clayey silty fine to coarse SAND)

Remarks :

Intake Factor

$$F = \frac{2.4\pi L}{\ln[1.2L/D + \sqrt{(1 + (1.2L/D)^2)]}$$

$$F = \frac{3.67}{m}$$

From the graph, when t tends to infinity (i.e. When $1/\sqrt{t}$ tends to zero)

$$q = 4.60 \sim l/min$$

$$\text{which } q = \frac{7.67E-05}{m^3/sec}$$

Permeability

$$k = q / (F Hc)$$

$$k = 3.17E-05 \text{ m/s}$$

Checked by :

R. Chu

Date :

22/Jan/16

Contract No. : GE/2014/07

Date of Test : 25/Feb/16

Works Order No. : GE/2014/07.34A

Co-ordinates :

Project :

Agreement No. CE 32/2014 (HY), Elevated Pedestrian Corridor in
Yuen Long Town connecting with Long Ping Station -
Investigation, Design and Construction, Ground Investigation (Stage 2)

E : 820708.71

N : 833885.61

Ground Level : +0.95 mPD

Test Supervised By : C.K. Chiu

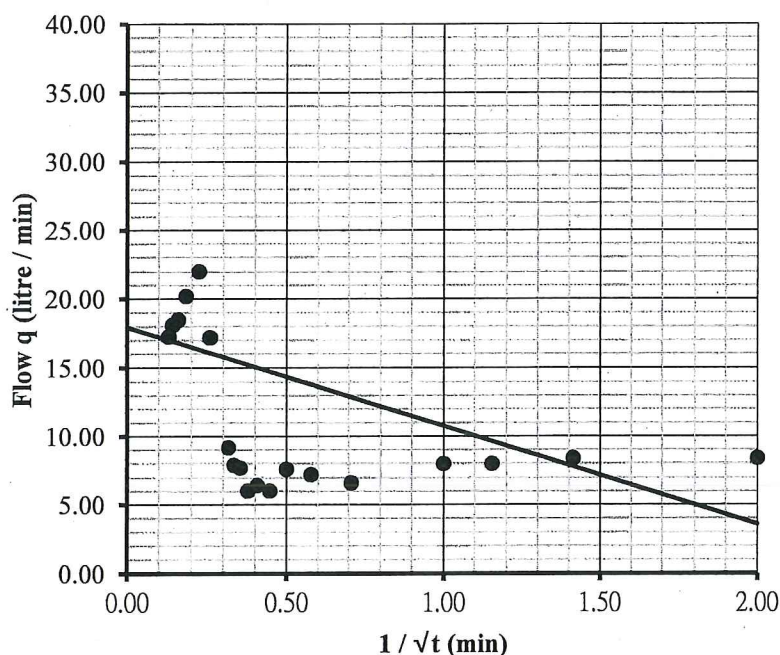
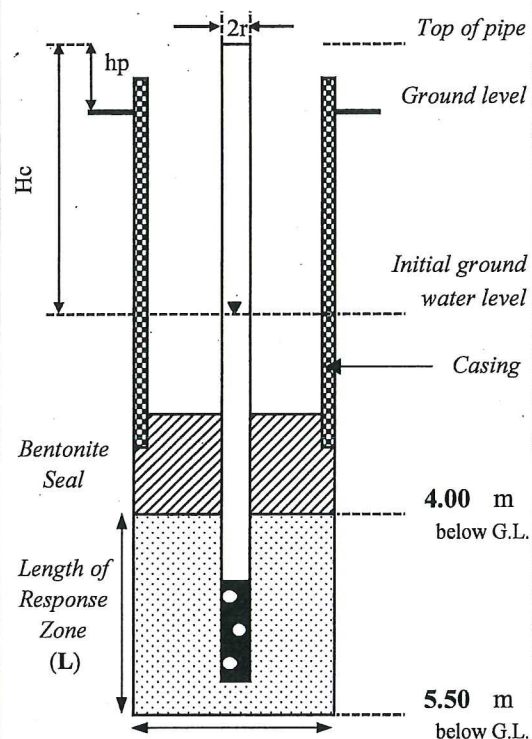
Test Zone : 4.00 m to 5.50 m

Flowmeter I.D. : DT-018-028

Initial Water Level : 0.22 m above G.L.

Elapsed Time t (min)		$\frac{1}{\sqrt{t}}$ (min)		Intake Flow Q (litre)		Flow q dQ/dt (litre / min)	
0	15	0.00	0.26	2770.0	2928.8	0.00	17.20
0.25	20	2.00	0.22	2772.1	3038.8	8.40	22.00
0.50	25	1.41	0.20	2774.2	3142.0	8.40	20.64
0.75	30	1.15	0.18	2776.2	3243.0	8.00	20.20
1	40	1.00	0.16	2778.2	3427.8	8.00	18.48
2	50	0.71	0.14	2784.8	3609.0	6.60	18.12
3	60	0.58	0.13	2792.0	3781.8	7.20	17.28
4		0.50		2799.6		7.60	
5		0.45		2805.6		6.00	
6		0.41		2812.0		6.40	
7		0.38		2818.0		6.00	
8		0.35		2825.7		7.70	
9		0.33		2833.6		7.90	
10		0.32		2842.8		9.20	

Internal diameter of the pipe $2r = 0.040$ m
Internal diameter of the drillhole $D = 0.165$ m
Length of test zone $L = 1.50$ m
Length of stick out of the pipe $hp = 1.25$ m
Constant water head $Hc = 1.03$ m



Intake Factor

$$F = \frac{2.4\pi L}{\ln[1.2L/D + \sqrt{(1 + (1.2L/D)^2)}]}$$

$$F = \frac{3.67}{m}$$

From the graph, when t tends to infinity
(i.e. When $1/\sqrt{t}$ tends to zero)

$$q = 17.96 \text{ l/min}$$

$$\text{which } q = 2.99E-04 \text{ m}^3/\text{sec}$$

Permeability

$$k = q / (F Hc)$$

$$k = 7.93E-05 \text{ m/s}$$

Filter Material : Marble Stone

Material Surrounding Response Zone :

From 4.00m to 5.50m: ALLUVIUM (Slightly silty clayey fine to coarse SAND)

Remarks :

Checked by :

R. Chu

Date :

25/Feb/16

Contract No. : GE/2014/07

Date of Test : 29/Feb/16

Works Order No. : GE/2014/07.34A

Co-ordinates :

Project :

E : 820723.09

N : 833707.97

Agreement No. CE 32/2014 (HY), Elevated Pedestrian Corridor in Yuen Long Town connecting with Long Ping Station - Investigation, Design and Construction

Ground Level : +1.52 mPD

Test Supervised By : C.K. Chiu

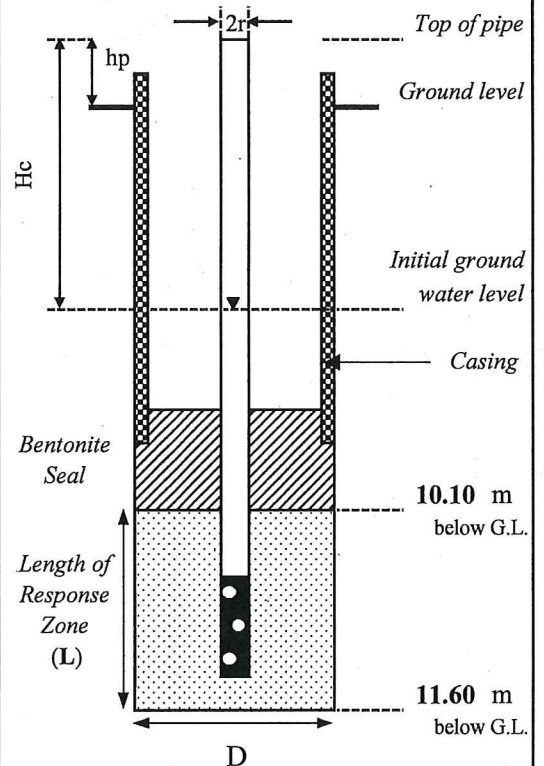
Test Zone : 10.10 m to 11.60 m

Flowmeter I.D. : DT-018-028

Initial Water Level : 0.00 m above G.L.

Elapsed Time t (min)	$\frac{1}{\sqrt{t}}$ (min)	Intake Flow Q (litre)	Flow q dQ/dt (litre / min)
0	15	0.00	0.26
0.25	20	2.00	0.22
0.50	25	1.41	0.20
0.75	30	1.15	0.18
1	40	1.00	0.16
2	50	0.71	0.14
3	60	0.58	0.13
4		0.50	
5		0.45	
6		0.41	
7		0.38	
8		0.35	
9		0.33	
10		0.32	

Internal diameter of the pipe	2r = 0.040 m
Internal diameter of the drillhole	D = 0.141 m
Length of test zone	L = 1.50 m
Length of stick out of the pipe	hp = 1.30 m
Constant water head	Hc = 1.30 m



Not to Scale

Intake Factor

$$F = \frac{2.4\pi L}{\ln[1.2L/D + \sqrt{(1.2L/D)^2 + 1}]}$$

$$F = \underline{\underline{3.49}} \text{ m}$$

From the graph, when t tends to infinity
(i.e. When $1/\sqrt{t}$ tends to zero)

$$q = \underline{\underline{2.55}} \text{ l/min}$$

$$\text{which } q = \underline{\underline{4.25E-05}} \text{ m}^3/\text{sec}$$

Permeability

$$k = q / (F H_c)$$

$$k = \underline{\underline{9.37E-06}} \text{ m/s}$$

Filter Material : Marble Stone

Material Surrounding Response Zone :

From 10.10m to 11.60m: ALLUVIUM (Slightly silty sandy CLAY / Slightly silty clayey fine to coarse SAND)

Remarks :

Checked by :

R. Chu

Date :

29/Feb/16

Contract No. : GE/2014/07

Date of Test : 02/Mar/16

Works Order No. : GE/2014/07.34A

Co-ordinates :

Project :

E : 820702.30

Agreement No. CE 32/2014 (HY), Elevated Pedestrian Corridor in Yuen Long Town connecting with Long Ping Station - Investigation, Design and Construction, Ground Investigation (Stage 2)

N : 833708.56

Test Supervised By : C.K. Chiu

Ground Level : +1.37 mPD

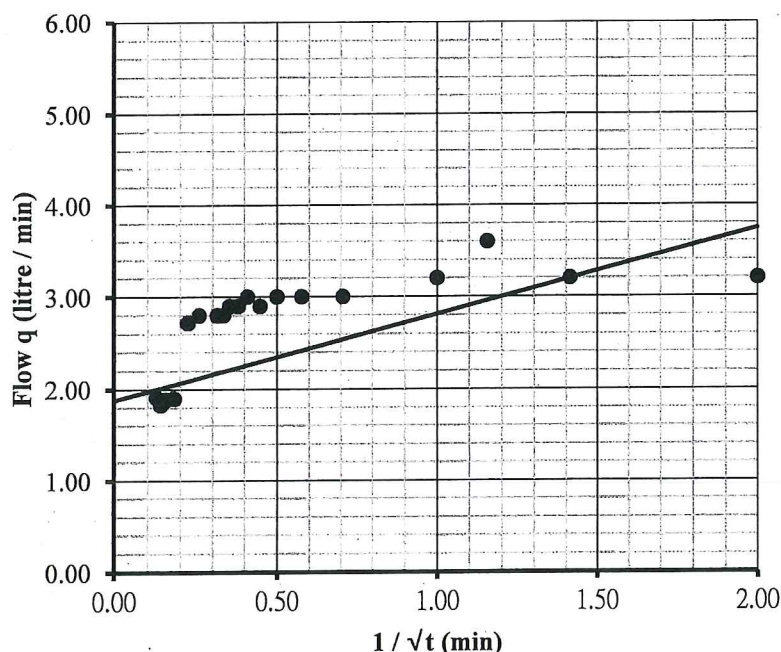
Flowmeter I.D. : DT-018-028

Test Zone : 12.70 m to 14.20 m

Initial Water Level : 0.40 m above G.L.

Elapsed Time t (min)		$\frac{1}{\sqrt{t}}$ (min)		Intake Flow Q (litre)		Flow q dQ/dt (litre / min)	
0	15	0.00	0.26	4534.0	4577.6	0.00	2.80
0.25	20	2.00	0.22	4534.8	4591.2	3.20	2.72
0.50	25	1.41	0.20	4535.6	4604.2	3.20	2.60
0.75	30	1.15	0.18	4536.5	4613.7	3.60	1.90
1	40	1.00	0.16	4537.3	4632.6	3.20	1.89
2	50	0.71	0.14	4540.3	4650.9	3.00	1.83
3	60	0.58	0.13	4543.3	4670.0	3.00	1.91
4		0.50		4546.3		3.00	
5		0.45		4549.2		2.90	
6		0.41		4552.2		3.00	
7		0.38		4555.1		2.90	
8		0.35		4558.0		2.90	
9		0.33		4560.8		2.80	
10		0.32		4563.6		2.80	

Internal diameter of the pipe	2r = 0.040 m
Internal diameter of the drillhole	D = 0.165 m
Length of test zone	L = 1.50 m
Length of stick out of the pipe	hp = 1.00 m
Constant water head	Hc = 0.60 m

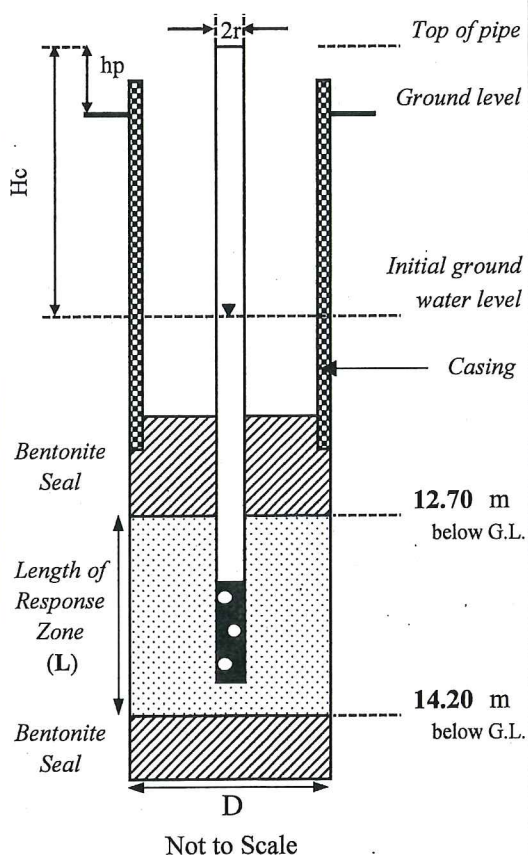


Filter Material : Marble Stone

Material Surrounding Response Zone :

From 12.70m to 14.20m: ALLUVIUM (Slightly sandy silty CLAY)

Remarks :



Intake Factor

$$F = \frac{2.4\pi L}{\ln[1.2L/D + \sqrt{(1.2L/D)^2 + 1}]}$$

$$F = \frac{3.67}{m}$$

From the graph, when t tends to infinity
(i.e. When $1/\sqrt{t}$ tends to zero)

$$q = 1.88 \text{ l/min}$$

$$\text{which } q = \frac{3.13E-05}{m^3 / \text{sec}}$$

Permeability

$$k = q / (F Hc)$$

$$k = 1.42E-05 \text{ m/s}$$

Checked by :

R. Chu

Date :

02/Mar/16

Appendix F

Digital Acoustic Borehole Televiwer Survey Records (Travel Time and Amplitude, Joints Interpretation and Stereographic Plots Records)

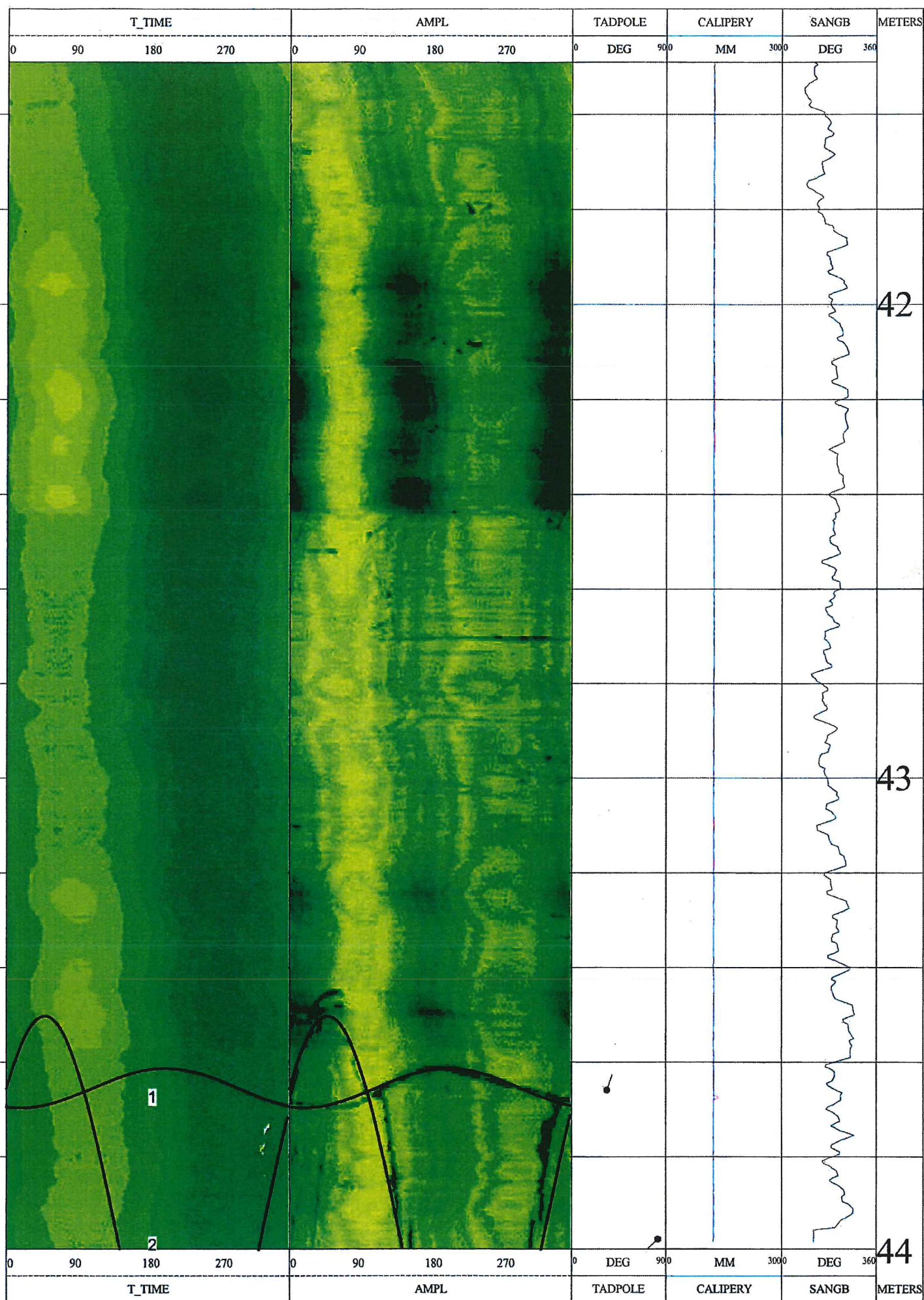


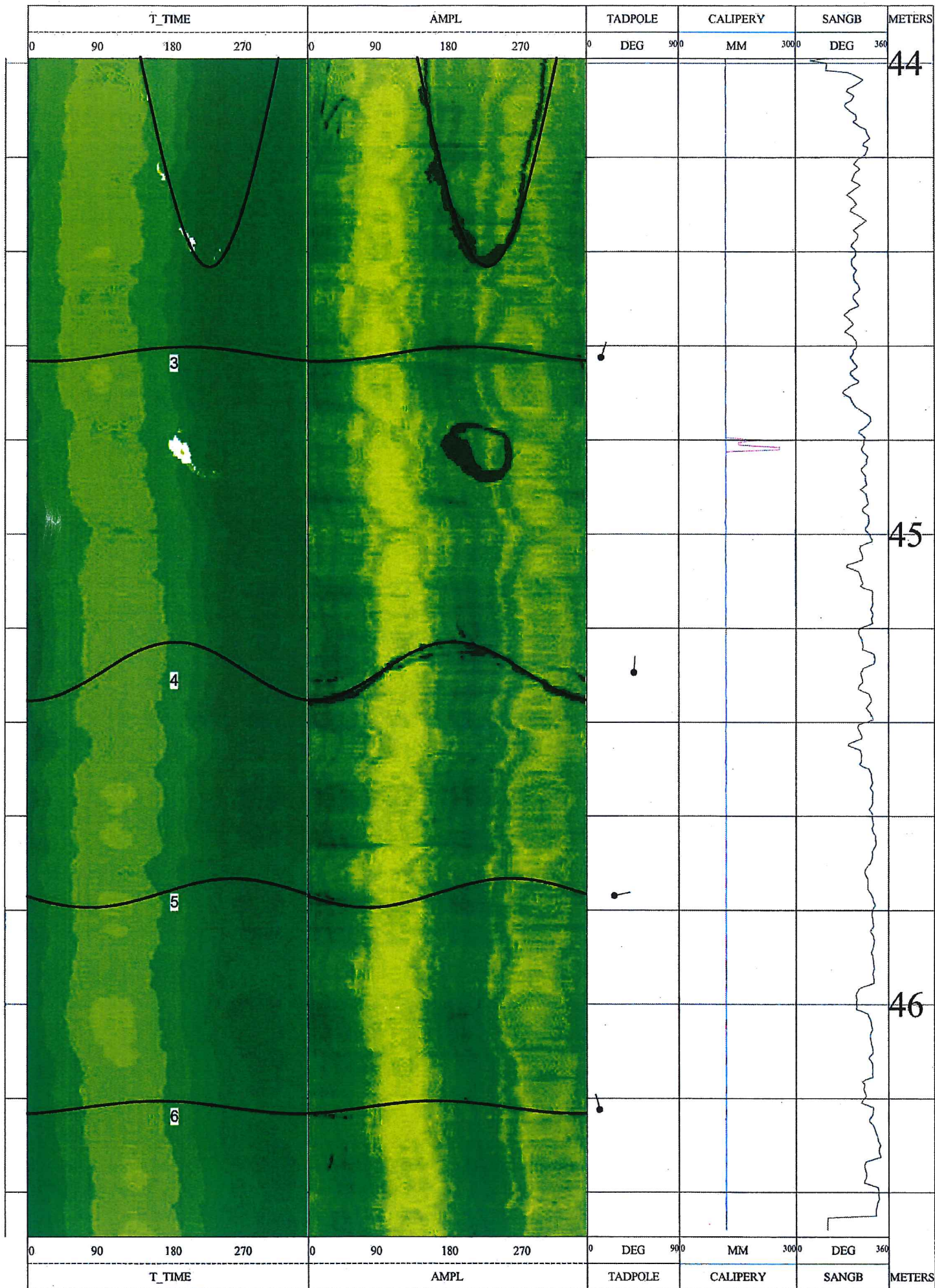
Company : DrillTech Ground Engineering Ltd
Borehole No. : S2-DH04
Contract : Ground Investigation - New Territories West (Term Contract)
Contract No. : GE/2014/07.34A
Location : Yuen Long
Test Date : 26-01-2016
Depth Driller : 61.49m
Log Bottom : 49.89m
Log Top : 41.49m
Casing Driller : 39.9m
Casing Type : N/A
Casing Thickness : N/A
Bit Size : 12cm
Magnetic Decl. : -2
Remark : All directions are relative to magnetic north from Hong Kong Metric Grid System North

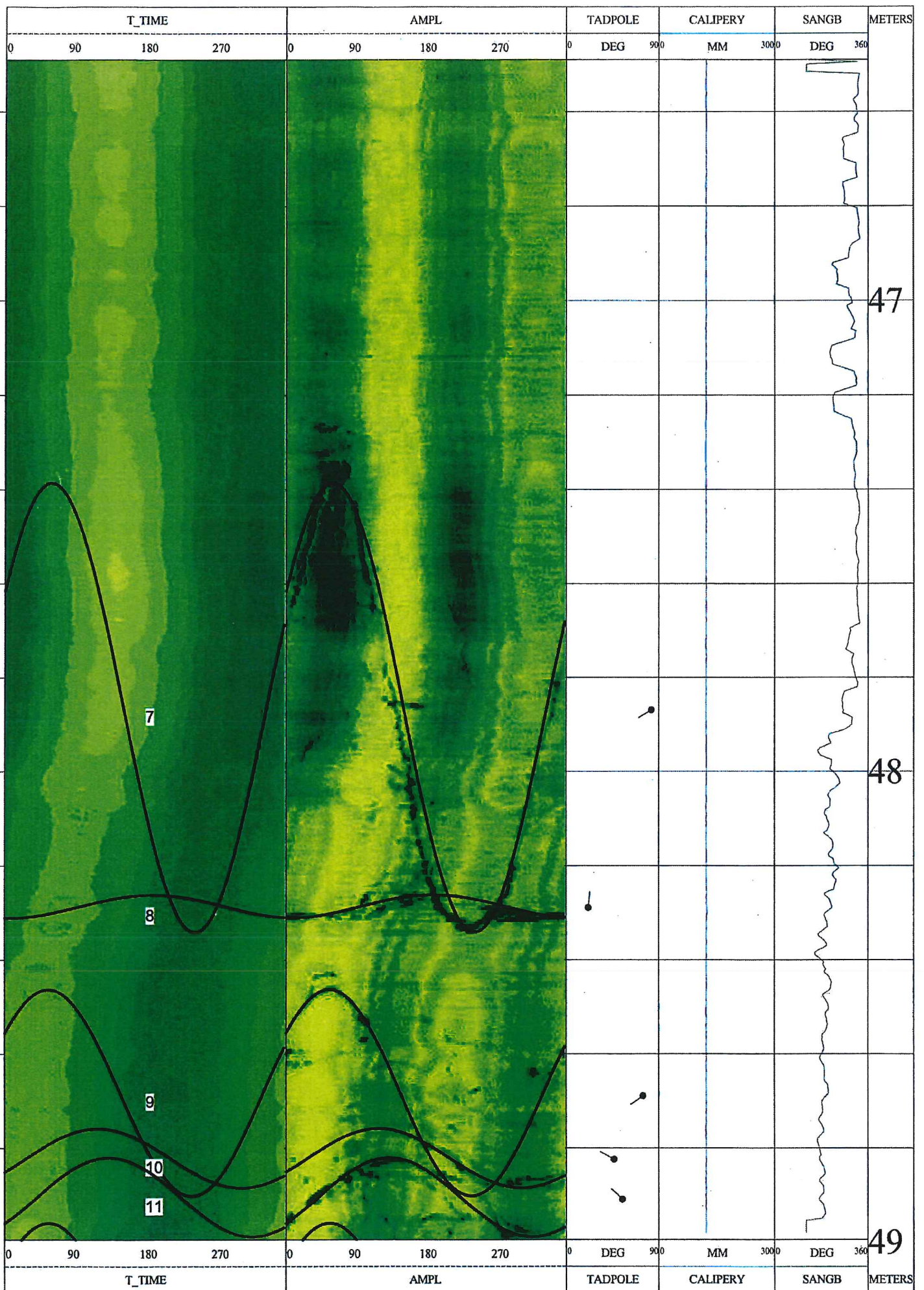
Permanent Datum : None
Elev.Perm.Datum : None
Log Measured From : GL
Dri Measured From : GL
Logging Unit : S/N 1123
Field Office : F.G.S
Recorded by : MC
Borehole Fluid : Water
Sonde Type : 8804A

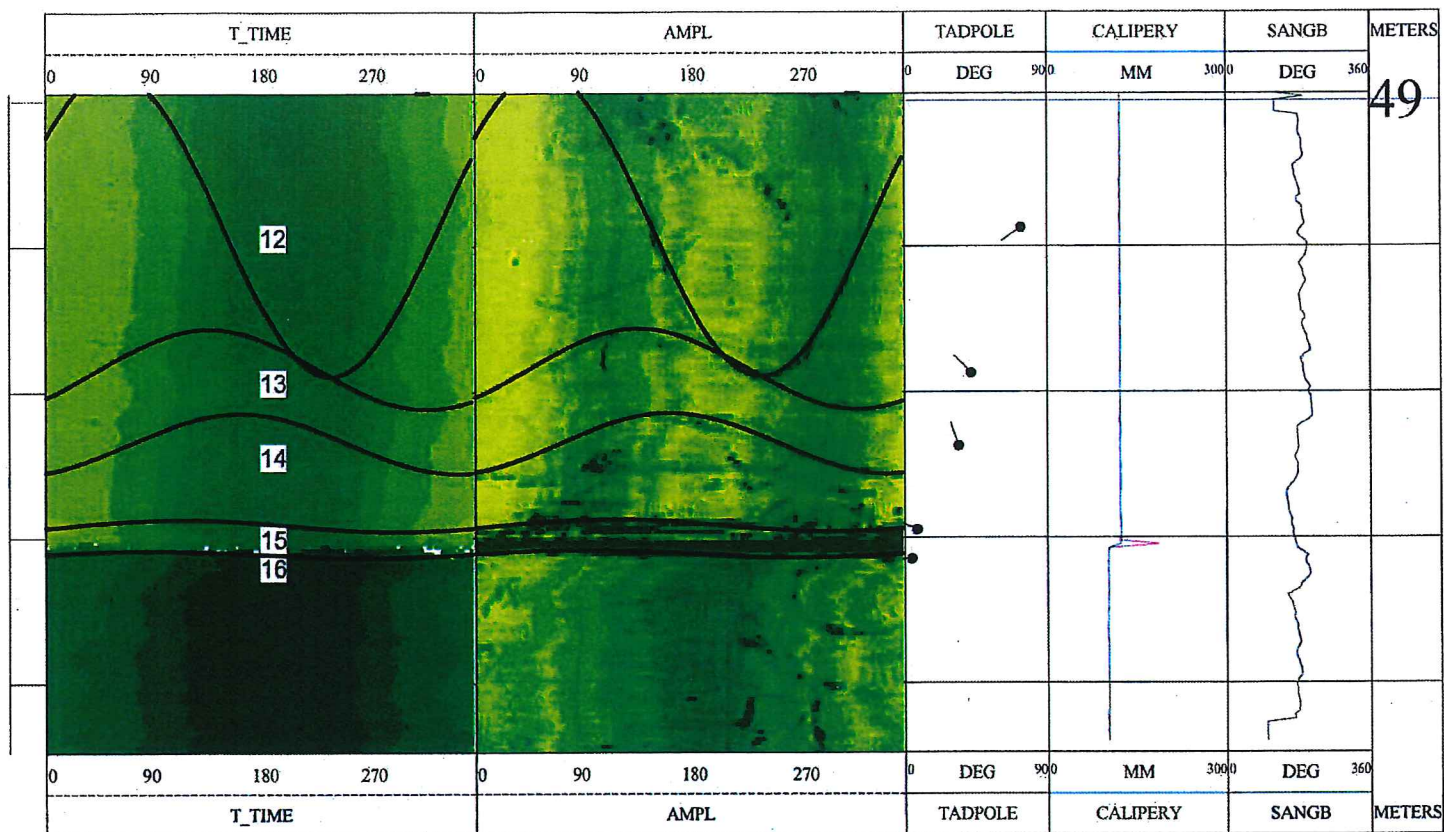
Fracture Number	Dip (deg)	Azimuth (deg)	To (m)	From (m)	Diameter (cm)	Deviation (deg)	Dir. of Deviation (deg)	Category
1	35	019	43.61	43.70	12.22	0.3	279.1	Joint
2	83	228	43.50	44.43	12.18	0.2	126.4	Joint
3	15	019	44.60	44.63	12.22	0.1	237.3	Joint
4	46	005	45.23	45.36	12.22	0.2	305.4	Joint
5	28	078	45.73	45.80	12.18	0.3	303.9	Joint
6	13	344	46.21	46.23	12.18	0.2	317.8	Joint
7	83	239	47.39	48.34	12.18	0.1	048.5	Joint
8	22	005	48.26	48.31	12.14	0.1	229.9	Joint
9	75	235	48.46	48.90	12.18	0.2	220.2	Joint
10	47	298	48.76	48.89	12.18	0.3	194.4	Joint
11	55	311	48.82	48.99	12.11	0.2	189.2	Joint
12	74	235	48.96	49.38	12.14	0.0	077.5	Joint
13	43	314	49.31	49.42	12.22	0.2	199.8	Joint
14	35	340	49.43	49.51	12.14	0.2	223.3	Joint
15	08	293	49.57	49.59	11.21	0.2	158.1	Top of Joint
16	05	266	49.62	49.63	-	-	-	Bottom of Joint

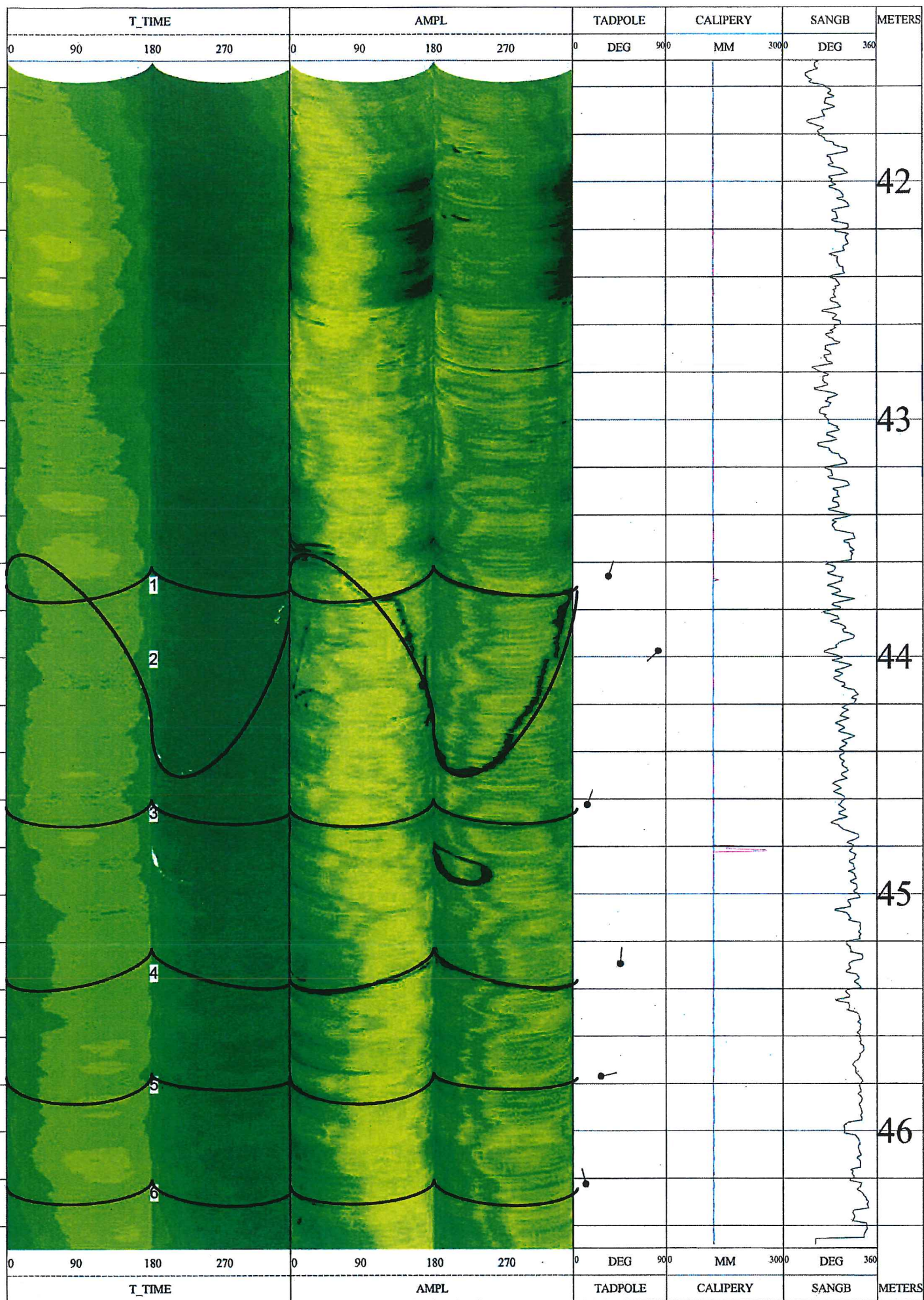
Checked by:

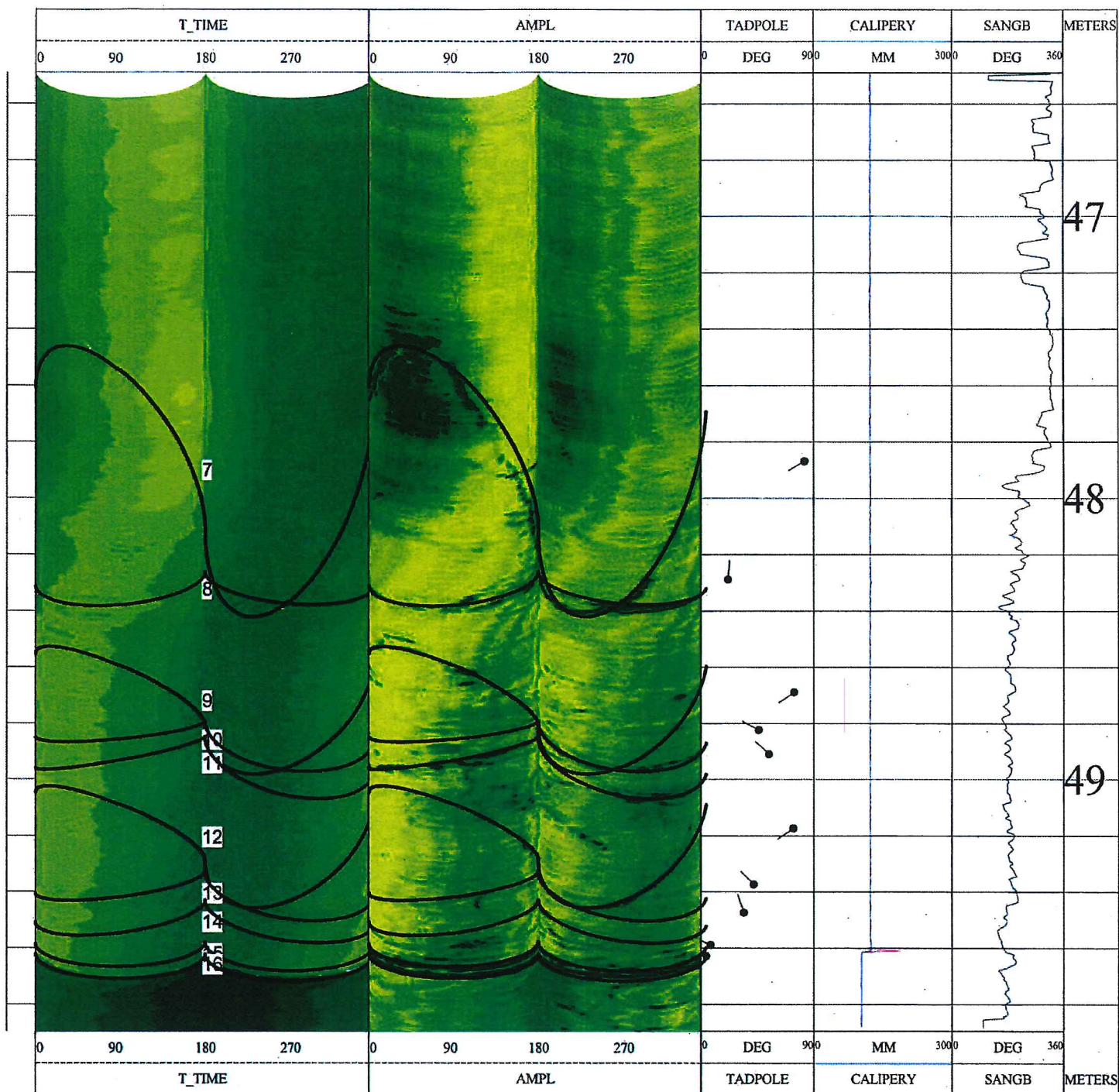










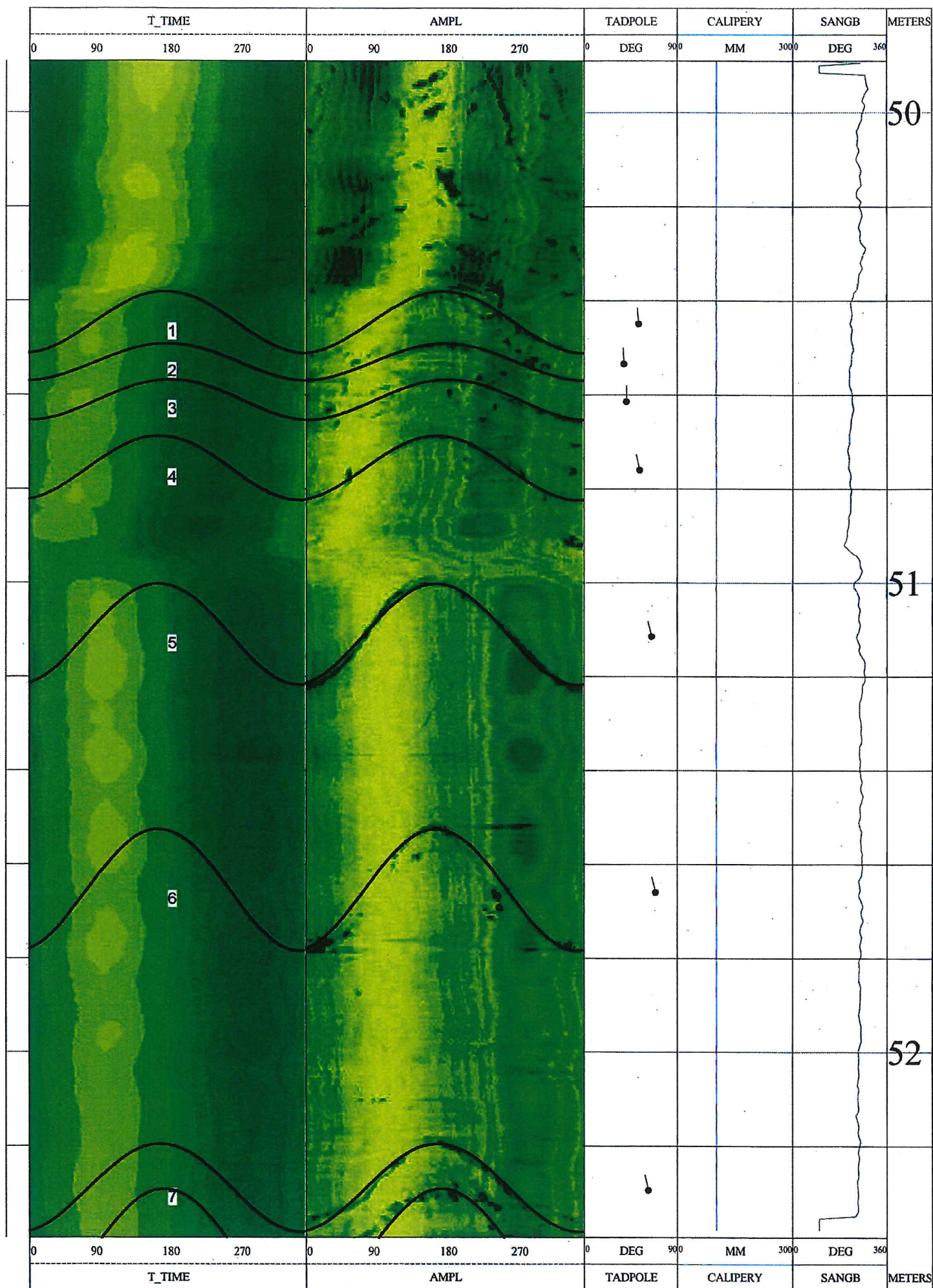


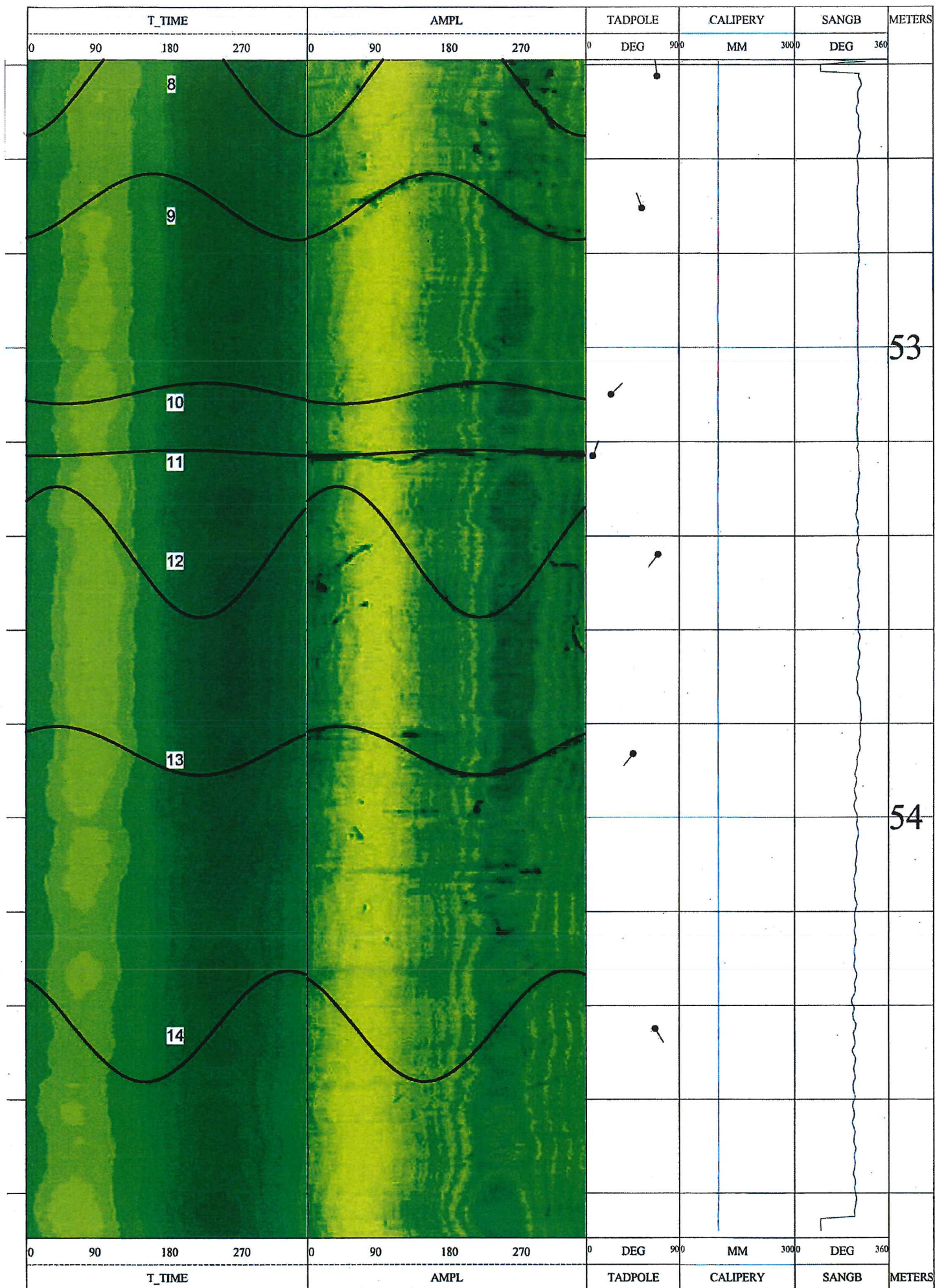


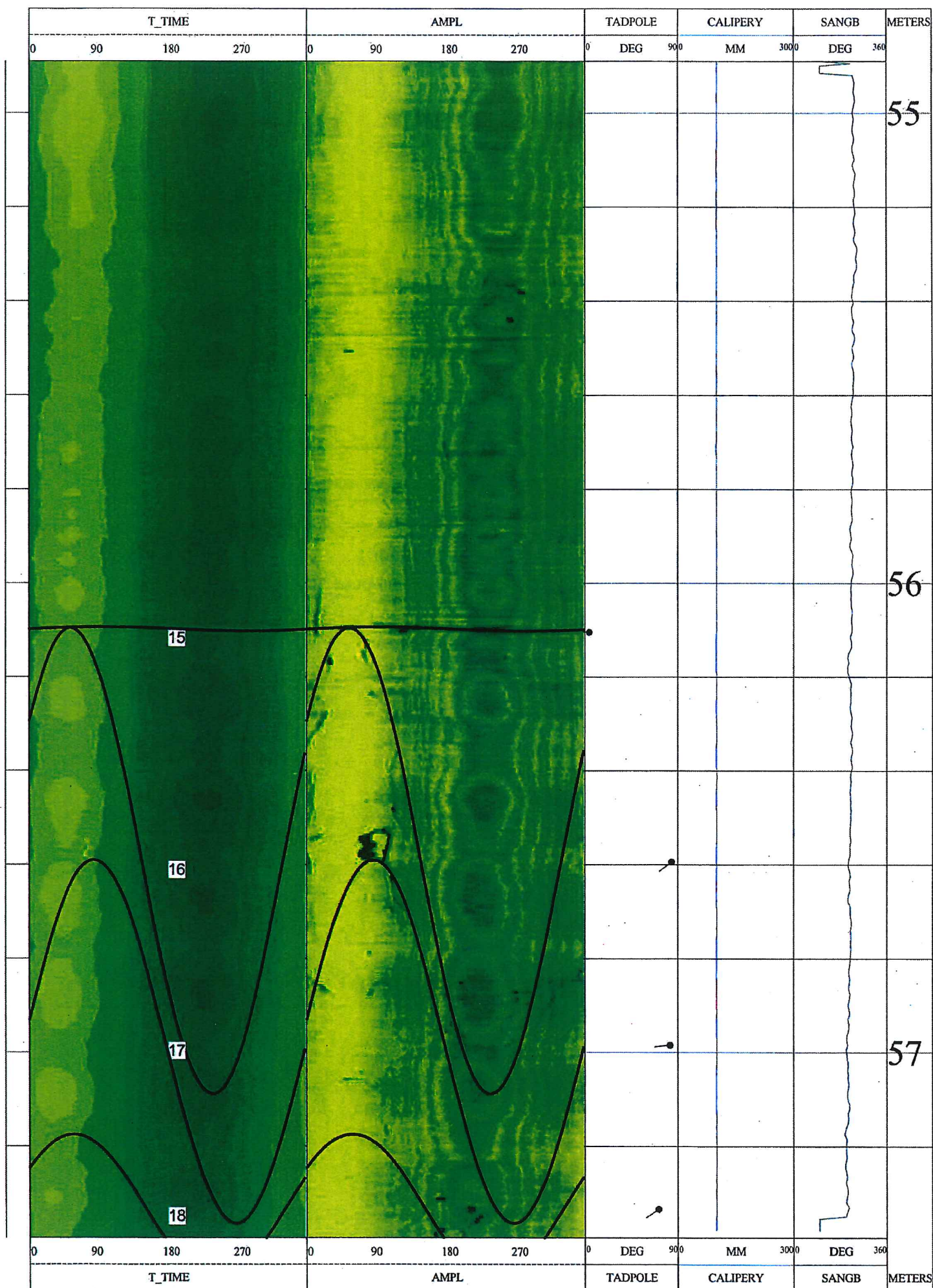
Company : DrillTech Ground Engineering Ltd
Borehole No. : S2-DH04
Contract : Ground Investigation - New Territories West (Term Contract)
Contract No. : GE/2014/07.34A
Location : Yuen Long
Test Date : 26-01-2016
Depth Driller : 61.49m
Log Bottom : 61.49m
Log Top : 49.89m
Casing Driller : 48.6m
Casing Type : N/A
Casing Thickness : N/A
Bit Size : 10.1cm
Magnetic Decl. : -2
Remark : All directions are relative to magnetic north from Hong Kong Metric Grid System North
Permanent Datum : None
Elev.Perm.Datum : None
Log Measured From : GL
Drl Measured From : GL
Logging Unit : S/N 1123
Field Office : F.G.S
Recorded by : MC
Borehole Fluid : Water
Sonde Type : 8804A

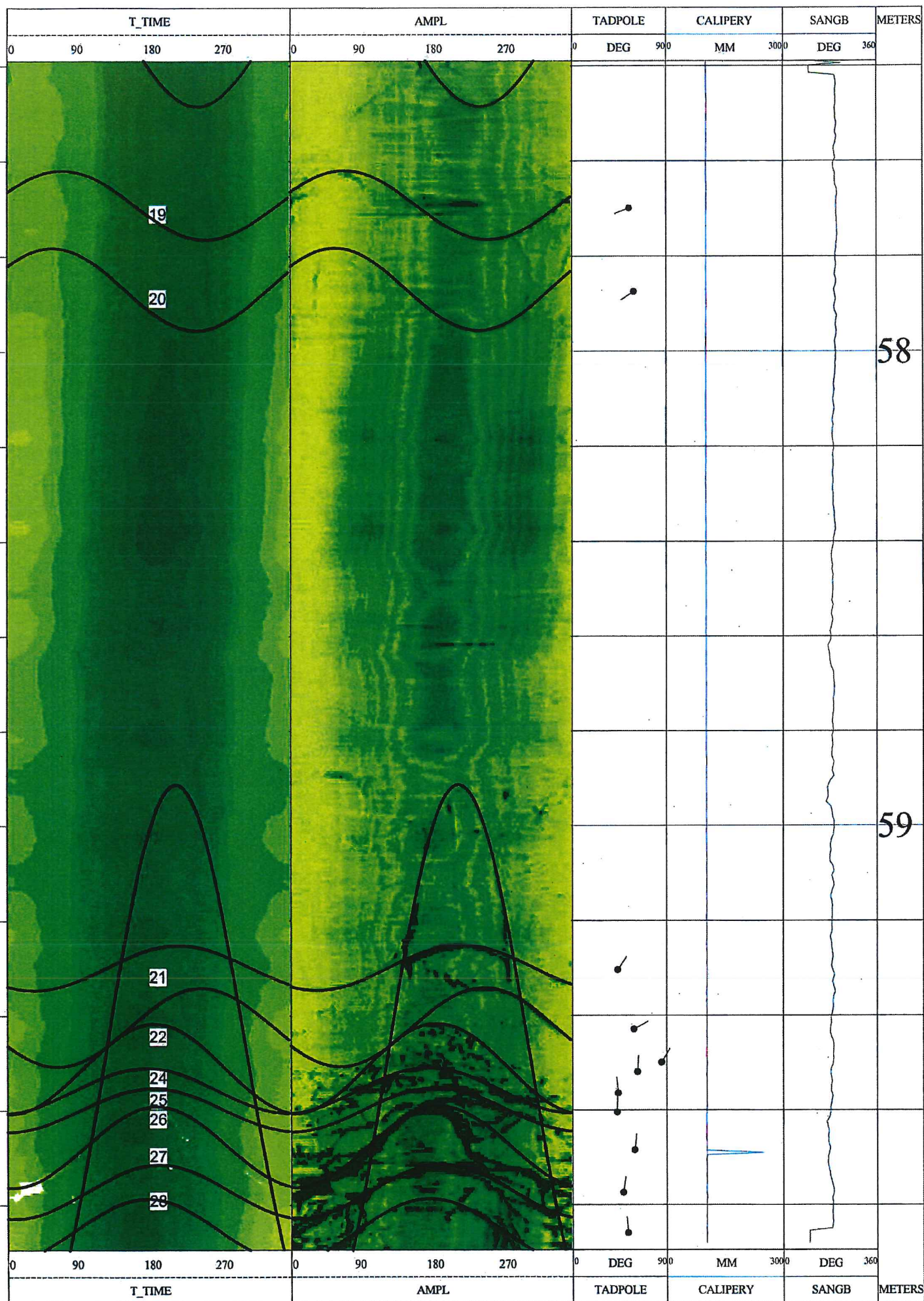
Fracture Number	Dip (deg)	Azimuth (deg)	To (m)	From (m)	Diameter (cm)	Deviation (deg)	Dir. of Deviation (deg)	Category
1	53	354	50.38	50.51	10.13	0.3	237.6	Joint
2	38	356	50.49	50.57	10.16	0.3	243.9	Joint
3	41	000	50.57	50.65	10.20	0.3	206.9	Joint
4	54	346	50.69	50.82	10.12	0.6	206.9	Joint
5	65	345	51.00	51.22	10.20	0.5	245.5	Joint
6	69	345	51.53	51.78	10.13	0.2	232.3	Joint
7	62	347	52.20	52.38	10.16	0.2	245.9	Joint
8	69	352	52.29	52.55	10.20	0.4	245.1	Joint
9	54	339	52.63	52.77	10.16	0.3	253.5	Joint
10	24	046	53.07	53.12	10.09	0.4	248.6	Joint
11	07	020	53.22	53.23	10.20	0.3	248.3	Joint
12	70	219	53.29	53.57	10.16	0.4	248.9	Joint
13	46	219	53.81	53.91	10.13	0.2	259.9	Joint
14	67	149	54.33	54.56	10.20	0.2	210.8	Joint
15	05	279	56.09	56.10	10.20	0.3	240.3	Joint
16	84	233	56.10	57.09	10.09	0.2	200.2	Joint
17	82	263	56.59	57.36	10.16	0.4	220.1	Joint
18	72	237	57.18	57.48	10.16	0.2	207.6	Joint
19	55	248	57.62	57.76	10.20	0.2	209.3	Joint
20	59	236	57.78	57.96	10.16	0.3	193.1	Joint
21	43	033	59.25	59.35	10.16	0.2	191.3	Joint
22	59	062	59.34	59.51	10.20	0.2	179.4	Joint
23	85	030	58.91	60.08	10.23	0.2	197.7	Joint
24	62	003	59.42	59.61	10.20	0.2	176.1	Joint
25	44	352	59.51	59.61	10.20	0.3	185.0	Joint
26	43	001	59.55	59.65	10.24	0.4	199.9	Joint
27	60	006	59.59	59.76	10.16	0.3	197.8	Joint
28	49	008	59.72	59.83	10.23	0.2	179.7	Joint
29	53	354	59.79	59.92	10.13	0.4	200.2	Joint
30	58	017	59.90	60.06	17.89	0.2	161.2	Weather Zone Top
31	70	172	60.35	60.63	11.50	0.1	145.8	Joint
32	76	349	60.34	60.72	11.62	0.3	189.9	Weather Zone Bottom
33	68	012	60.54	60.78	11.43	0.3	195.8	Joint
34	67	039	60.77	61.01	10.20	0.2	260.5	Joint
35	74	192	60.85	61.21	10.20	0.5	183.1	Joint
36	50	060	61.28	61.40	10.20	0.4	150.1	Joint

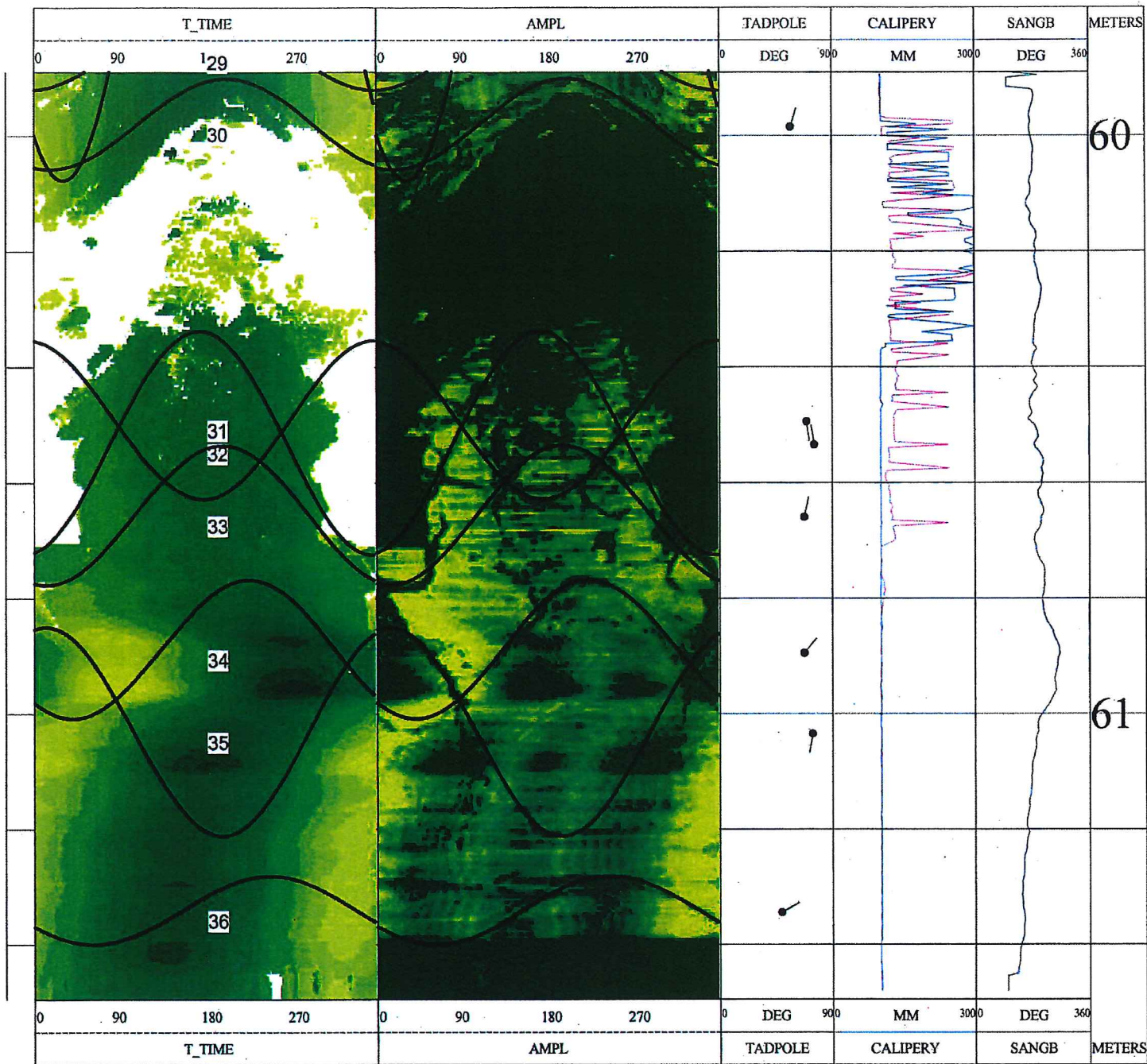
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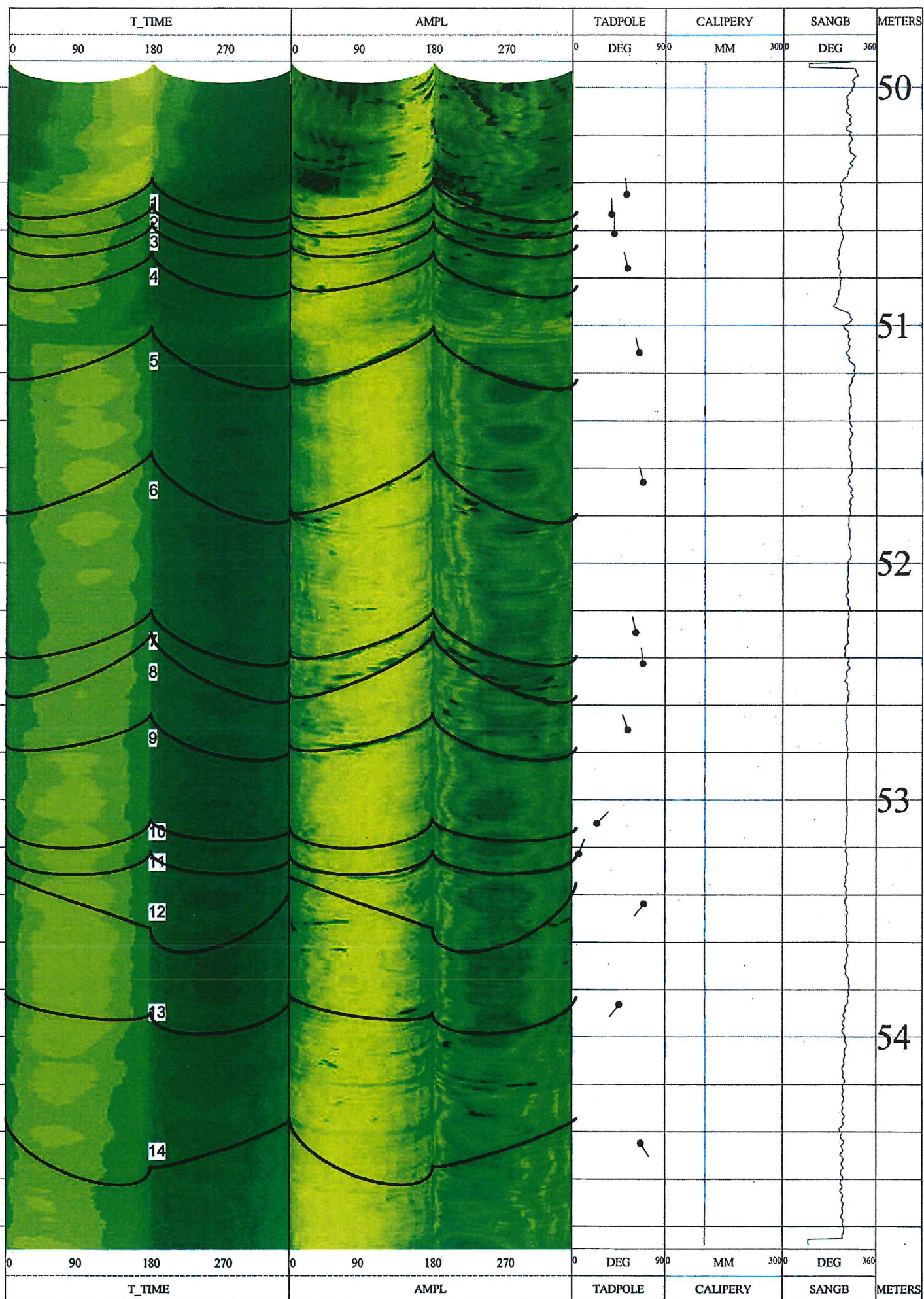


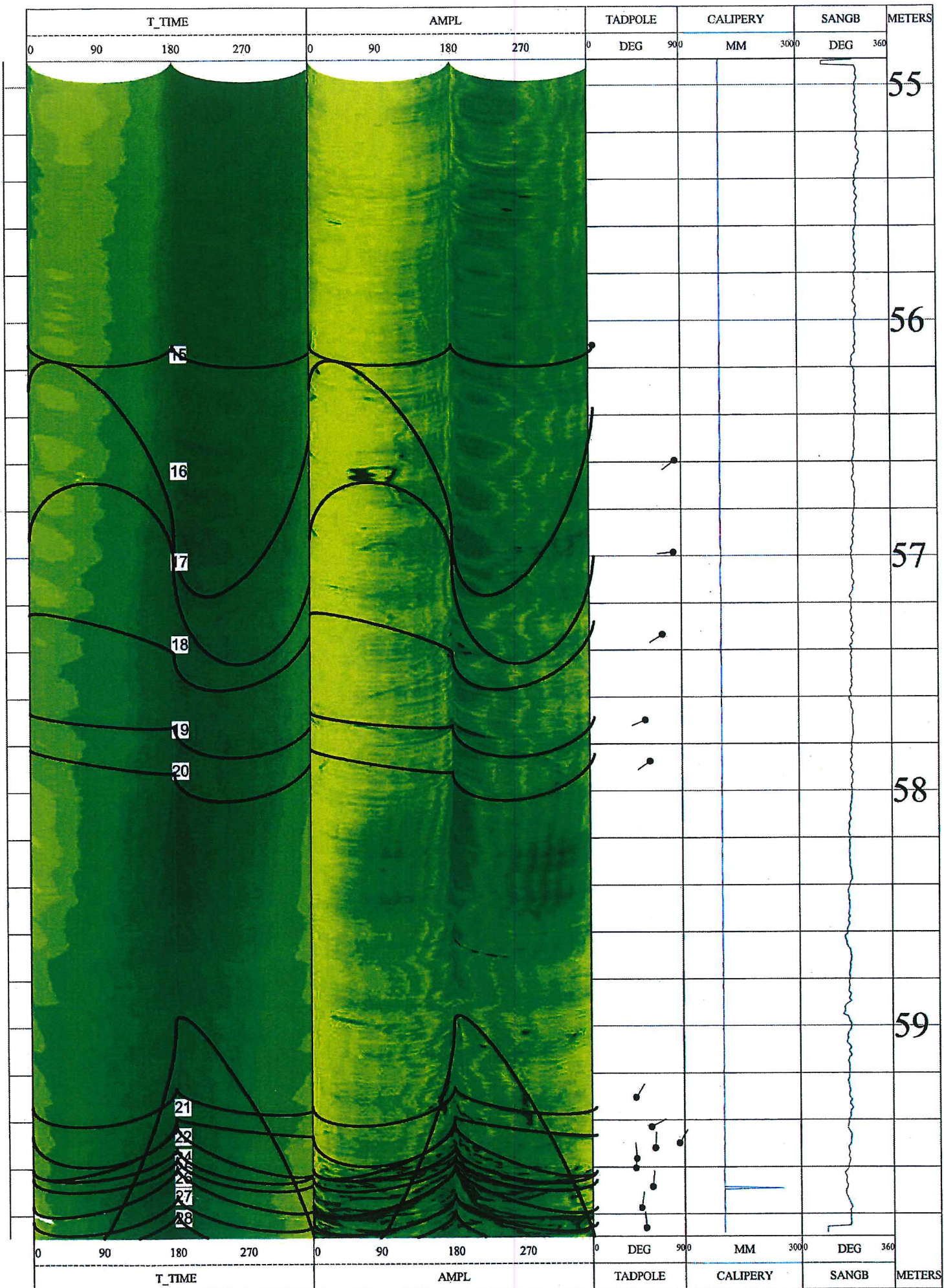


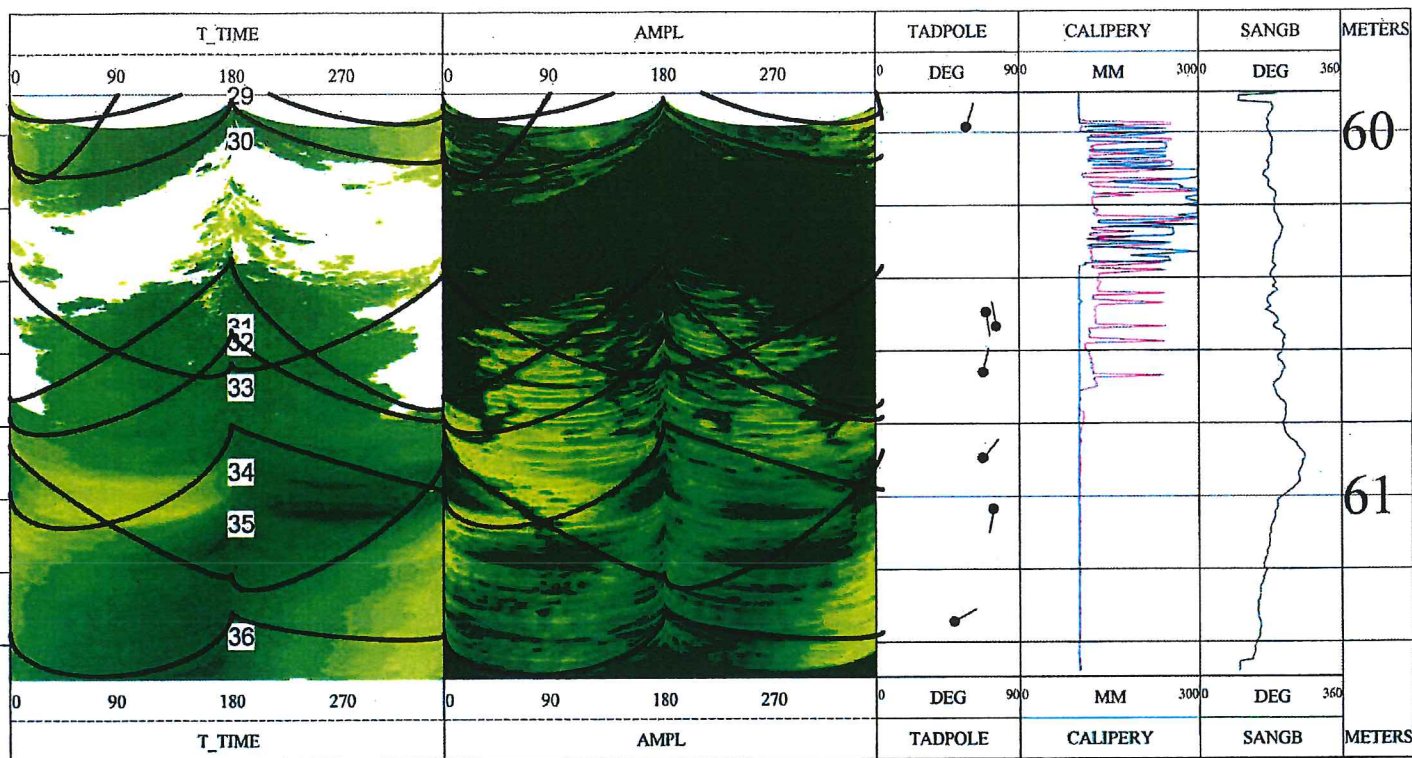


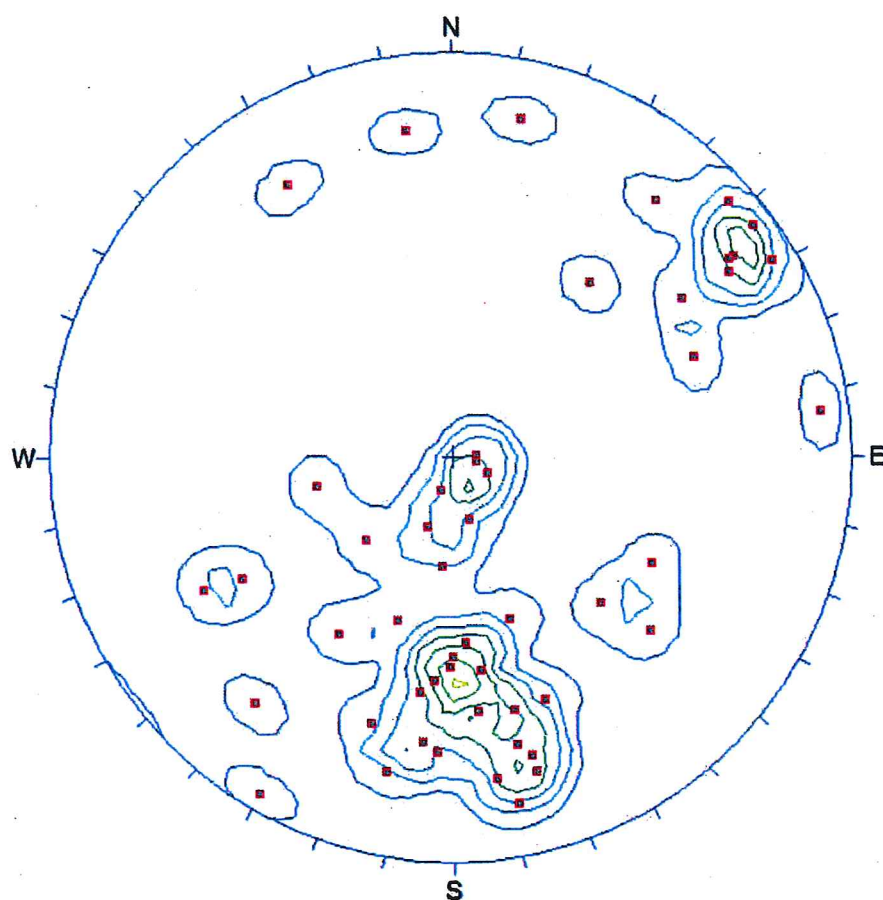












Poles

Equal Area
Lower Hemisphere
52 Poles
52 Entries

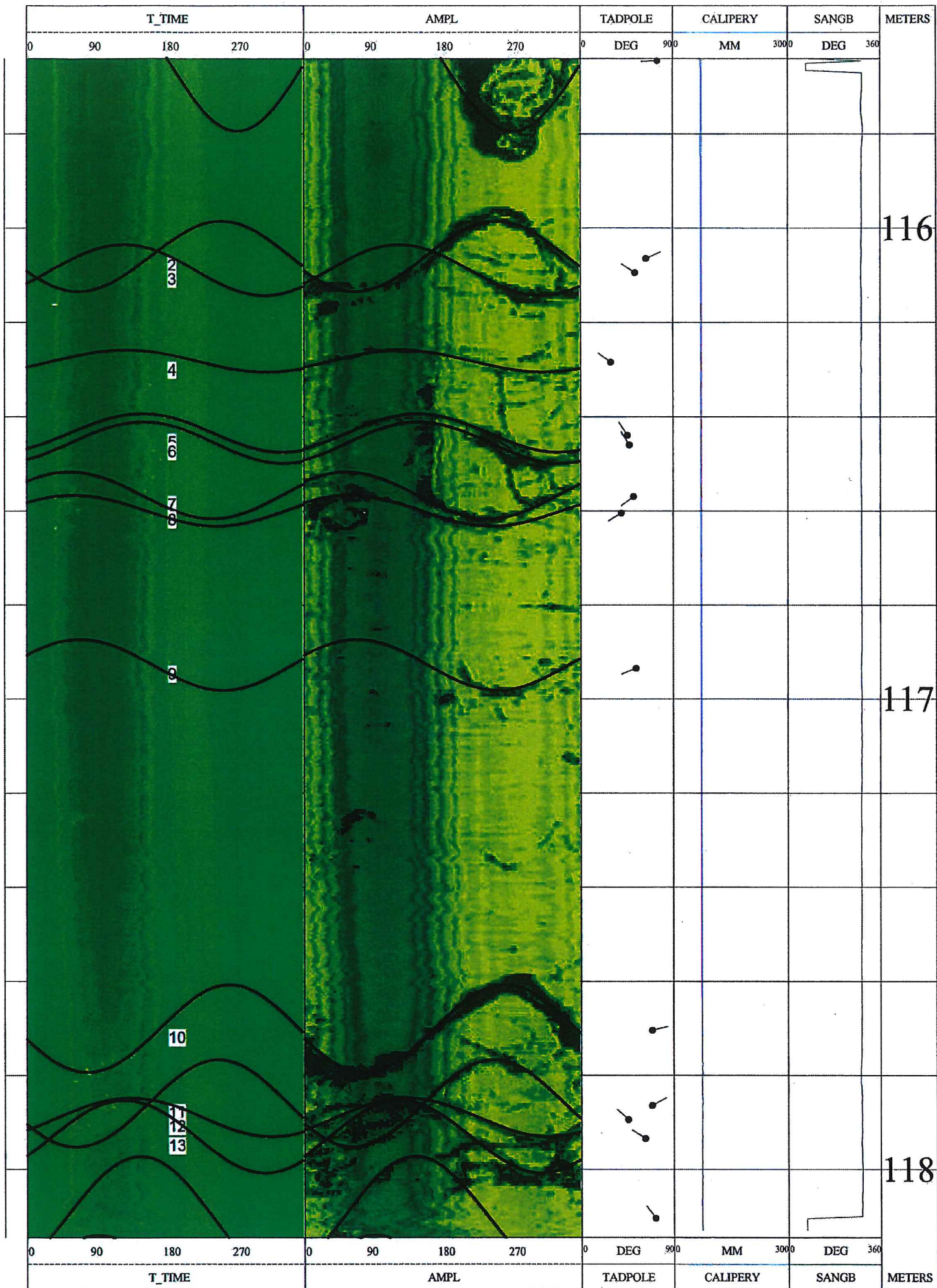
Contract : Ground Investigation - New Territories West (Term Contract)
Contract No. : GE/2014/07.31
Location : Yuen Long
Borehole No. : S2-DH04

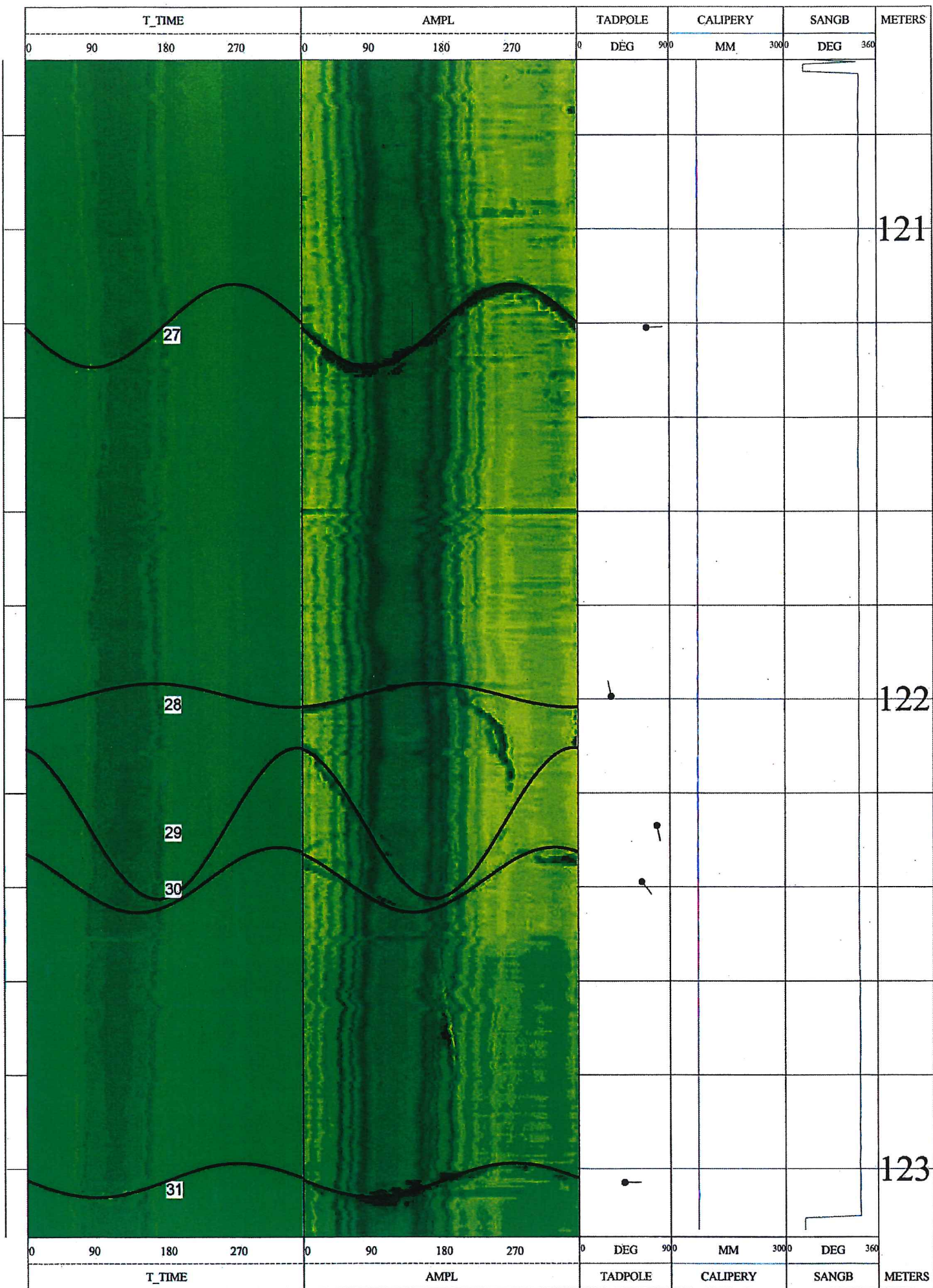


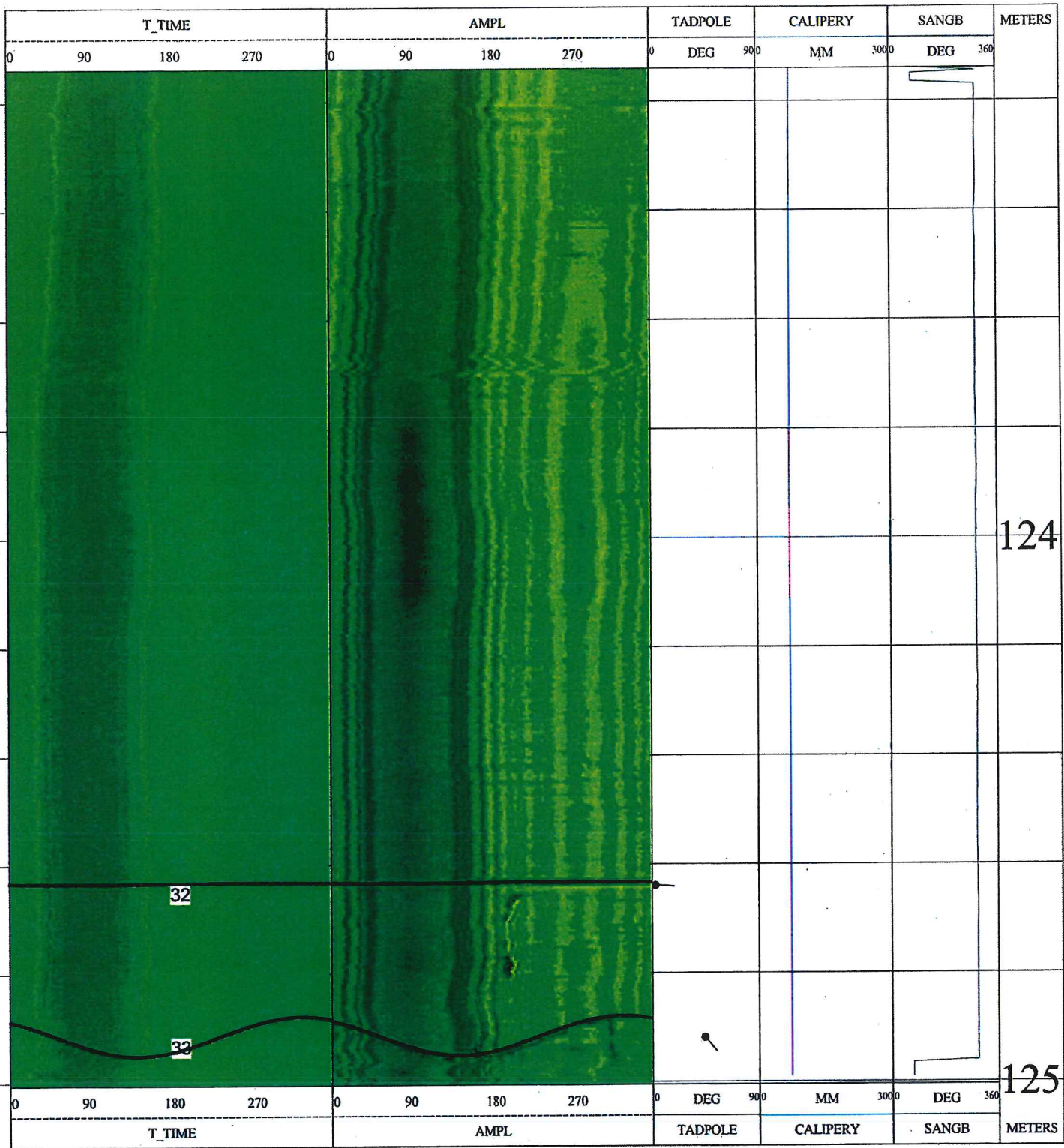
Company : DrillTech Ground Engineering Ltd
Borehole No. : S2-DH08
Contract : Ground Investigation - New Territories West (Term Contract)
Contract No. : GE/2014/07.34A
Location : Yuen Long
Test Date : 23-02-2016
Depth Driller : 127.51m
Log Bottom : 125m
Log Top : 115.64m
Casing Driller : 106.89m
Casing Type : N/A
Casing Thickness : N/A
Bit Size : 7.6cm
Magnetic Decl. : -2
Remark : All directions are relative to magnetic north from Hong Kong Metric Grid System North
Permanent Datum : None
Elev.Perm.Datum : None
Log Measured From : GL
Drl Measured From : GL
Logging Unit : S/N 1123
Field Office : F.G.S
Recorded by : MC/HT
Borehole Fluid : Water
Sonde Type : 8804A

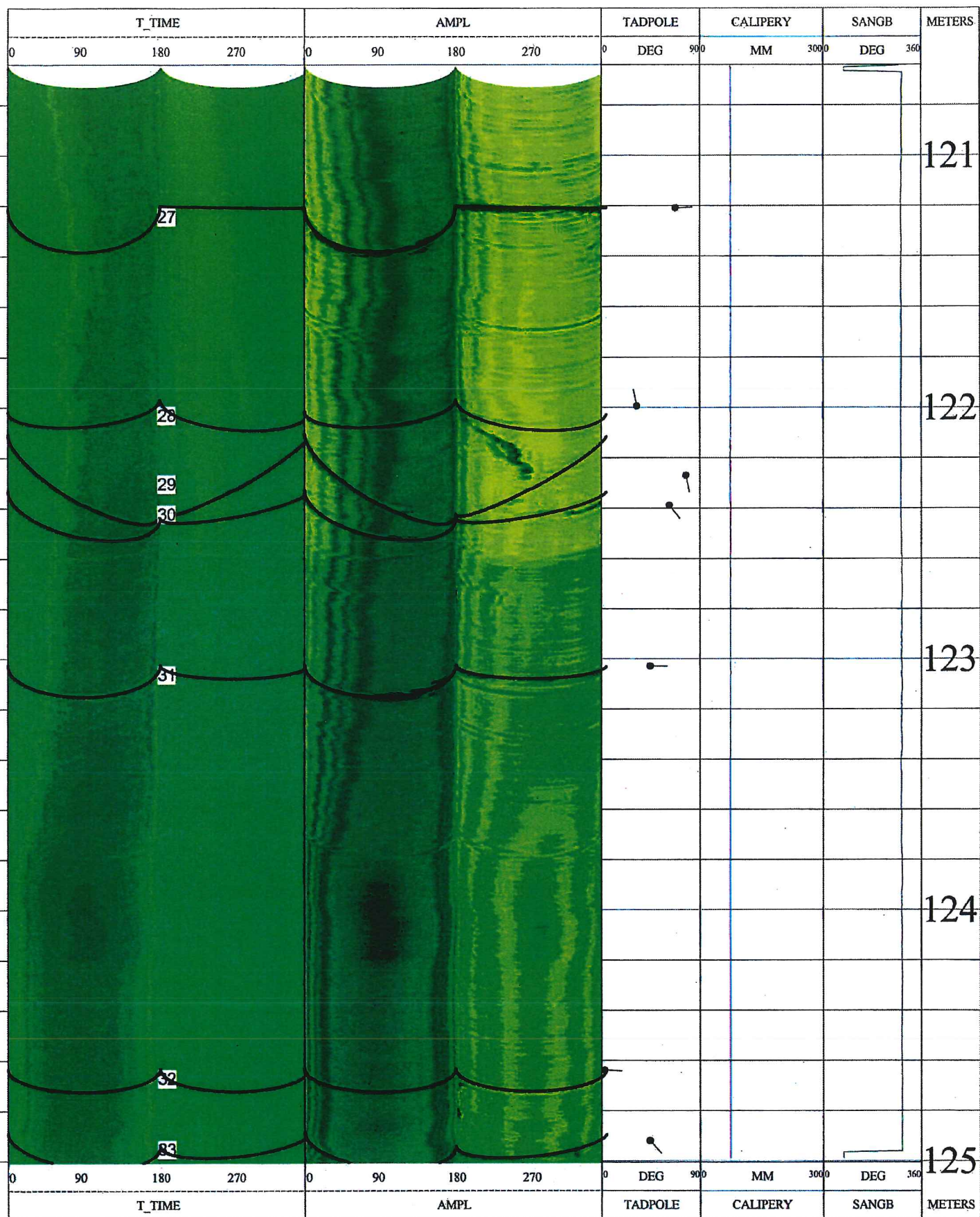
Fracture Number	Dip (deg)	Azimuth (deg)	To (m)	From (m)	Diameter (cm)	Deviation (deg)	Dir. of Deviation (deg)	Category
1	75	267	115.49	115.79	7.46	1.3	285.5	Joint
2	64	066	115.99	116.13	7.50	1.3	284.9	Joint
3	53	302	116.04	116.14	7.50	1.5	284.5	Joint
4	30	305	116.26	116.31	7.50	1.5	292.1	Joint
5	46	326	116.39	116.48	7.50	1.3	284.4	Joint
6	48	327	116.41	116.50	7.46	1.3	285.7	Joint
7	52	234	116.52	116.62	7.46	1.4	285.2	Joint
8	40	238	116.57	116.63	7.46	1.3	288.1	Joint
9	54	247	116.87	116.98	7.50	1.3	284.3	Joint
10	69	076	117.61	117.79	7.54	1.3	285.2	Joint
11	69	062	117.77	117.95	7.62	1.4	289.7	Joint
12	46	311	117.85	117.93	7.58	1.3	282.0	Joint
13	62	302	117.85	118.01	7.50	1.5	285.1	Joint
14	72	322	117.97	118.22	7.50	1.5	289.0	Joint
15	67	270	118.14	118.33	7.46	1.3	280.6	Joint
16	78	273	118.27	118.69	7.46	1.4	290.6	Joint
17	74	278	118.41	118.71	7.50	1.4	287.0	Joint
18	63	292	118.83	118.99	7.46	1.3	293.4	Joint
19	55	317	119.02	119.13	7.46	1.4	289.7	Joint
20	51	321	119.12	119.21	7.50	1.4	287.8	Joint
21	68	261	119.32	119.53	7.50	1.8	277.1	Joint
22	71	264	119.34	119.57	7.50	1.4	290.6	Joint
23	74	056	119.73	119.98	7.46	1.5	287.2	Joint
24	35	289	119.94	120.00	7.54	1.5	291.3	Joint
25	36	338	120.07	120.13	7.50	1.7	281.5	Incipient Joint
26	62	131	120.03	120.16	7.50	1.7	281.5	Joint
27	68	087	121.12	121.29	7.54	1.4	286.6	Joint
28	33	347	121.97	122.02	7.50	1.4	287.5	Joint
29	77	168	122.10	122.43	7.46	1.4	287.0	Joint
30	62	142	122.32	122.45	7.46	1.5	287.5	Joint
31	45	090	122.99	123.06	7.50	1.4	290.8	Joint
32	03	094	124.63	124.63	7.46	1.5	290.9	Joint
33	45	140	124.88	124.95	7.46	1.6	290.2	Joint

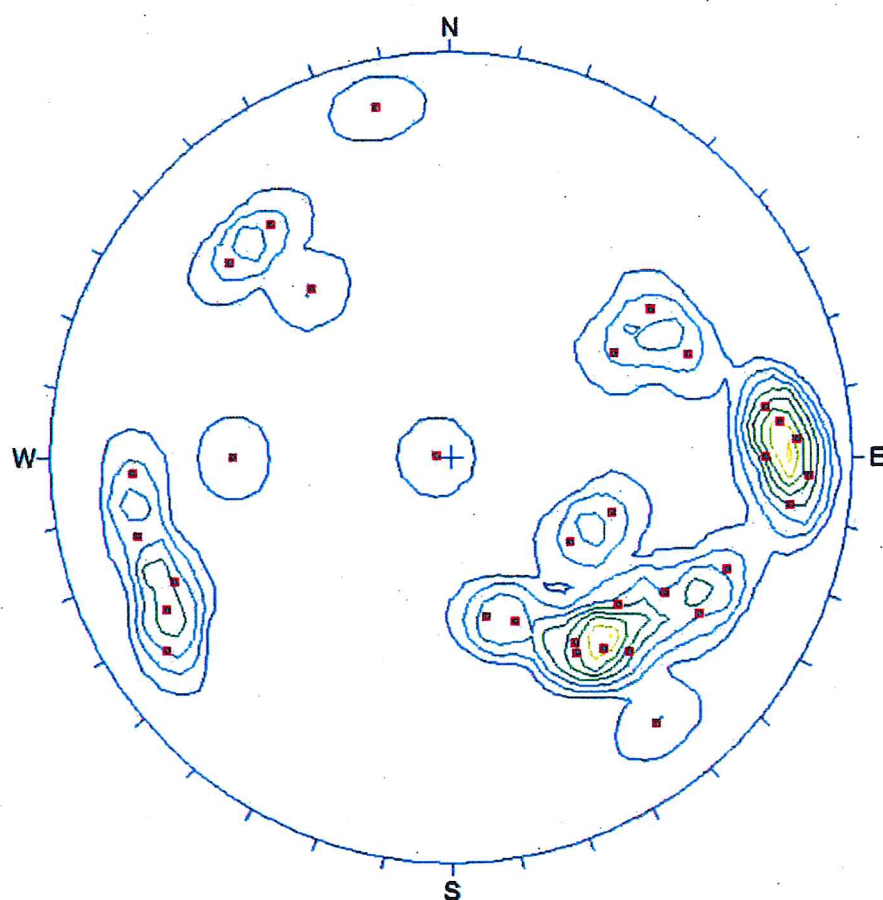
Checked by: 











■ Poles

Equal Area
Lower Hemisphere
33 Poles
33 Entries

Contract : Ground Investigation - New Territories West (Term Contract)
Contract No. : GE/2014/07.34A
Location : Yuen Long
Borehole No. : S2-DH08

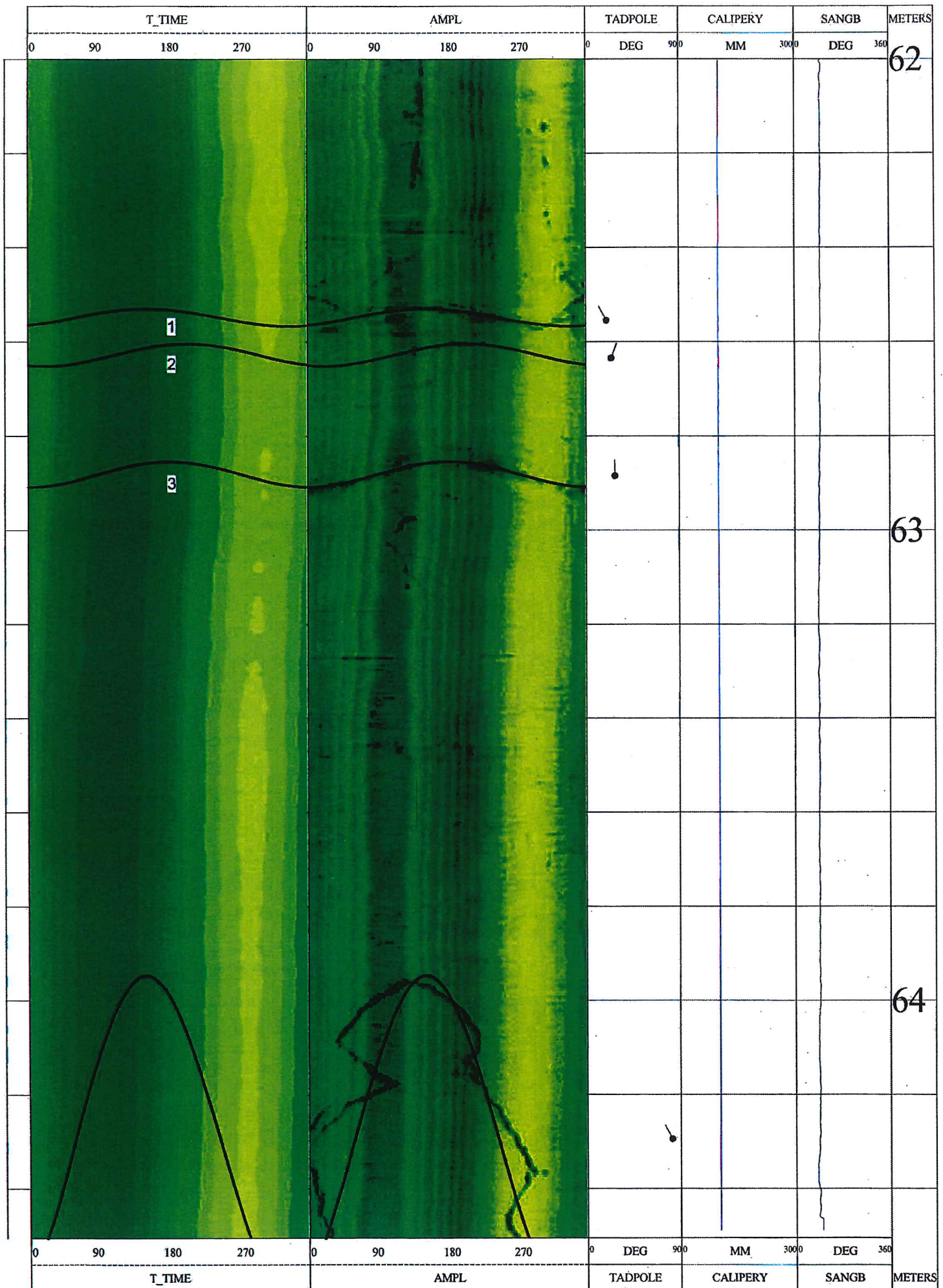


Company : DrilTech Ground Engineering Ltd
Borehole No. : S2-DH10
Contract : Ground Investigation - New Territories West (Term Contract)
Contract No. : GE/2014/07.34A
Location : Yuen Long
Test Date : 12-02-2016
Depth Driller : 75.89m
Log Bottom : 72m
Log Top : 62m
Casing Driller : 55.84m
Casing Type : N/A
Casing Thickness : N/A
Bit Size : 10.1cm
Magnetic Decl. : -2
Remark : All directions are relative to magnetic north from Hong Kong Metric Grid System North

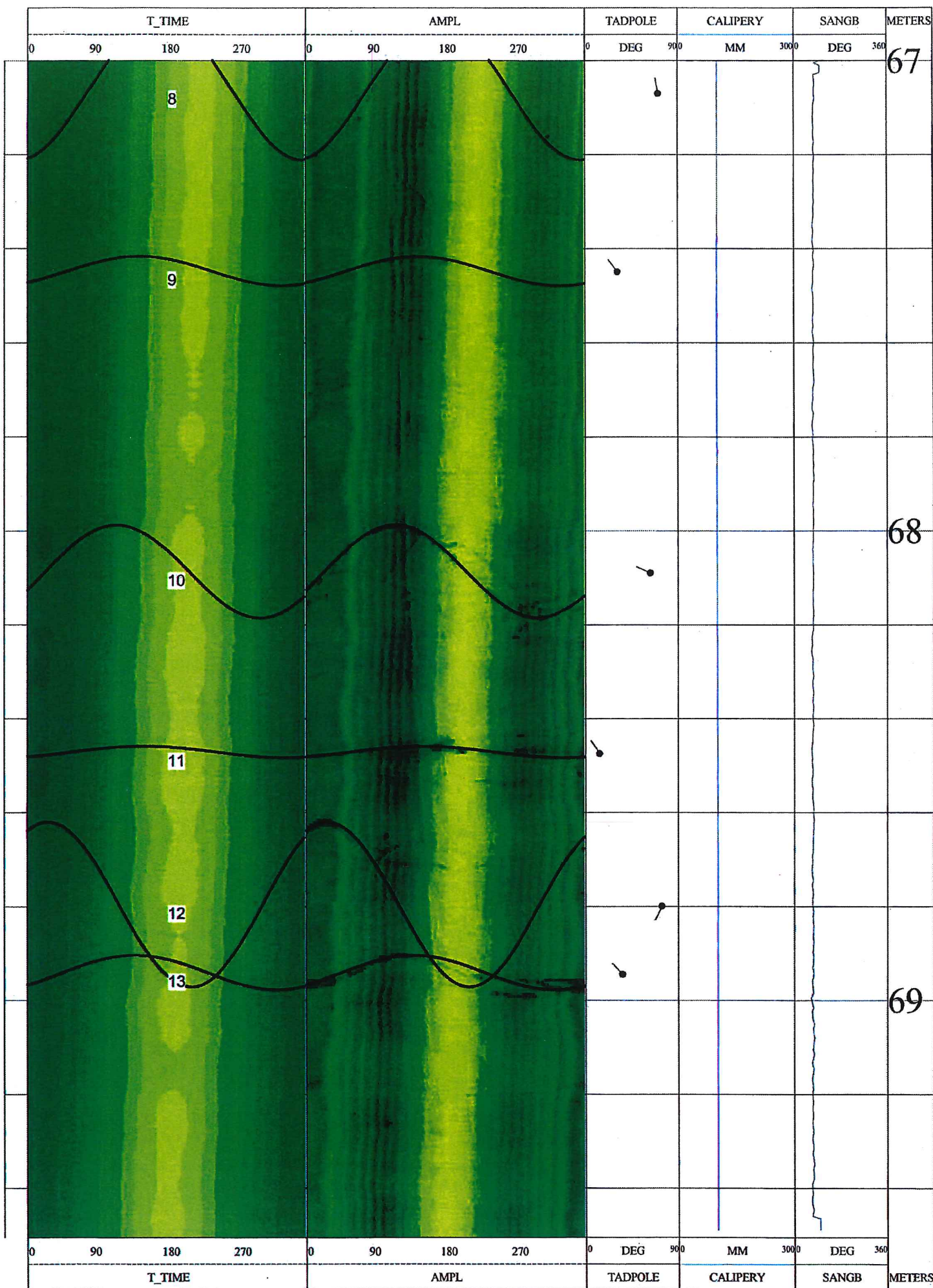
Permanent Datum : None
Elev.Perm.Datum : None
Log Measured From : GL
Dri Measured From : GL
Logging Unit : S/N 1123
Field Office : F.G.S
Recorded by : MC
Borehole Fluid : Water
Sonde Type : 8804A

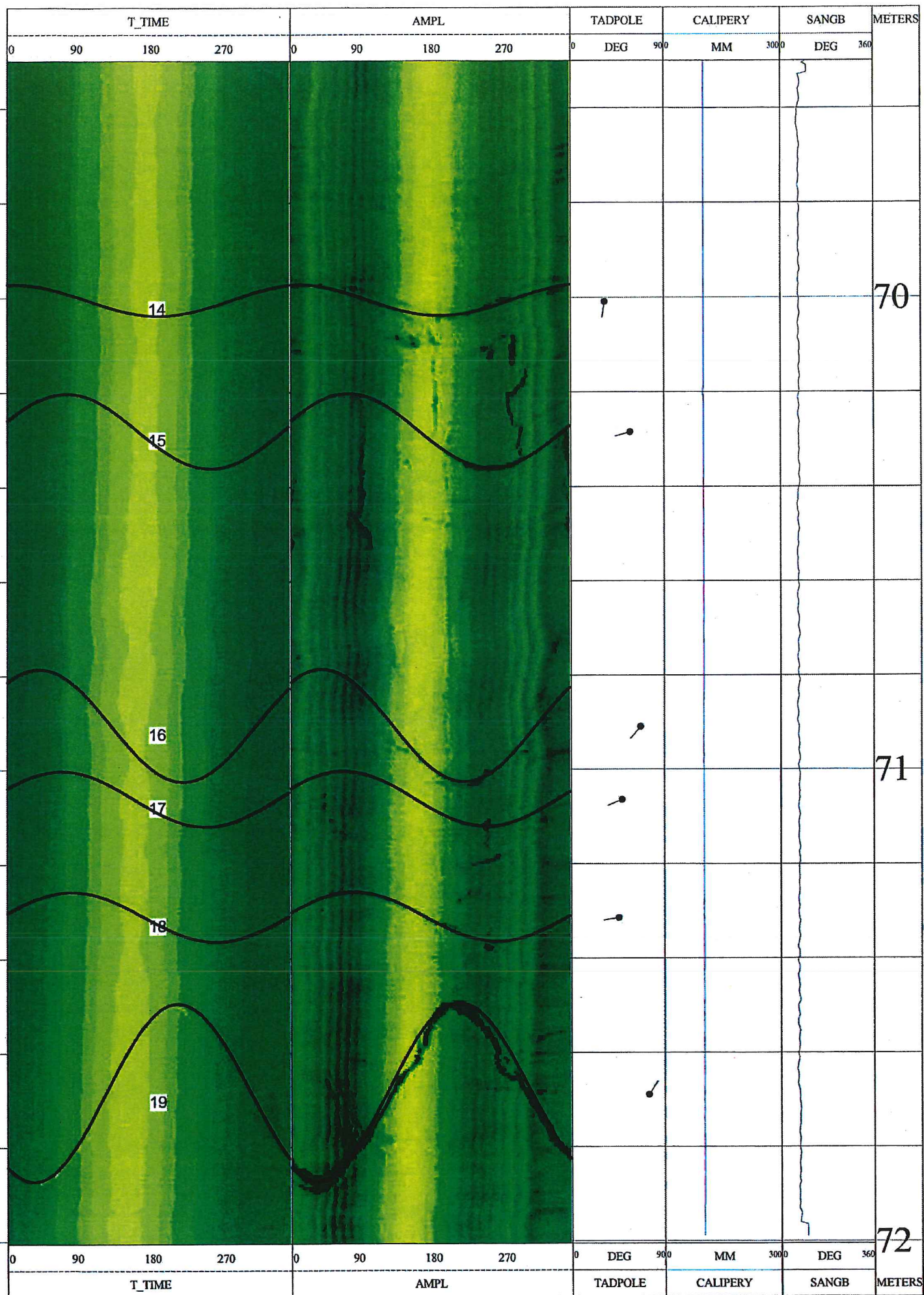
Fracture Number	Dip (deg)	Azimuth (deg)	To (m)	From (m)	Diameter (cm)	Deviation (deg)	Dir. of Deviation (deg)	Category
1	20	329	62.53	62.57	10.16	0.5	101.7	Joint
2	25	020	62.60	62.65	10.24	0.4	098.7	Joint
3	29	358	62.85	62.91	10.23	0.5	098.4	Joint
4	82	329	63.95	64.64	10.24	0.5	088.6	Joint
5	33	295	65.60	65.67	10.27	0.5	092.4	Joint
6	65	360	65.88	66.10	10.23	0.4	093.6	Joint
7	52	339	66.09	66.22	10.27	0.5	085.4	Joint
8	71	348	66.91	67.21	10.20	0.4	064.8	Incipient Joint
9	32	321	67.42	67.48	10.16	0.4	072.2	Incipient Joint
10	63	293	67.99	68.19	10.23	0.4	074.9	Joint
11	14	326	68.46	68.48	10.27	0.4	069.0	Joint
12	74	206	68.62	68.97	10.27	0.3	079.0	Joint
13	36	315	68.90	68.98	10.27	0.3	082.0	Joint
14	33	190	69.97	70.04	10.27	0.3	081.6	Joint
15	58	254	70.20	70.36	10.27	0.3	070.8	Joint
16	67	220	70.79	71.03	10.23	0.3	084.6	Joint
17	50	247	71.00	71.12	10.23	0.3	079.6	Joint
18	46	260	71.26	71.36	10.23	0.2	077.4	Joint
19	75	033	71.50	71.87	10.23	0.2	064.5	Joint

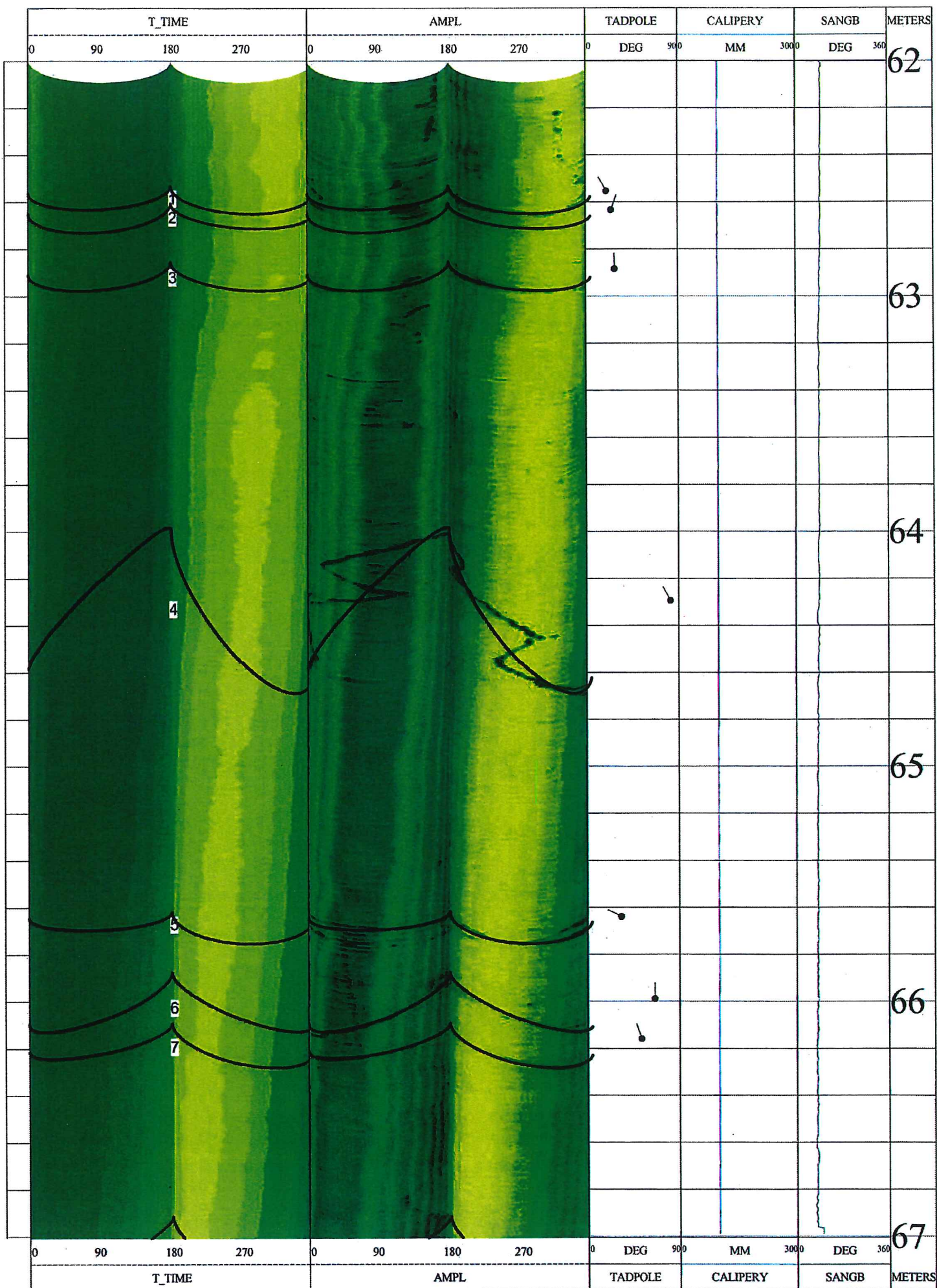
Checked by: *As per the file*

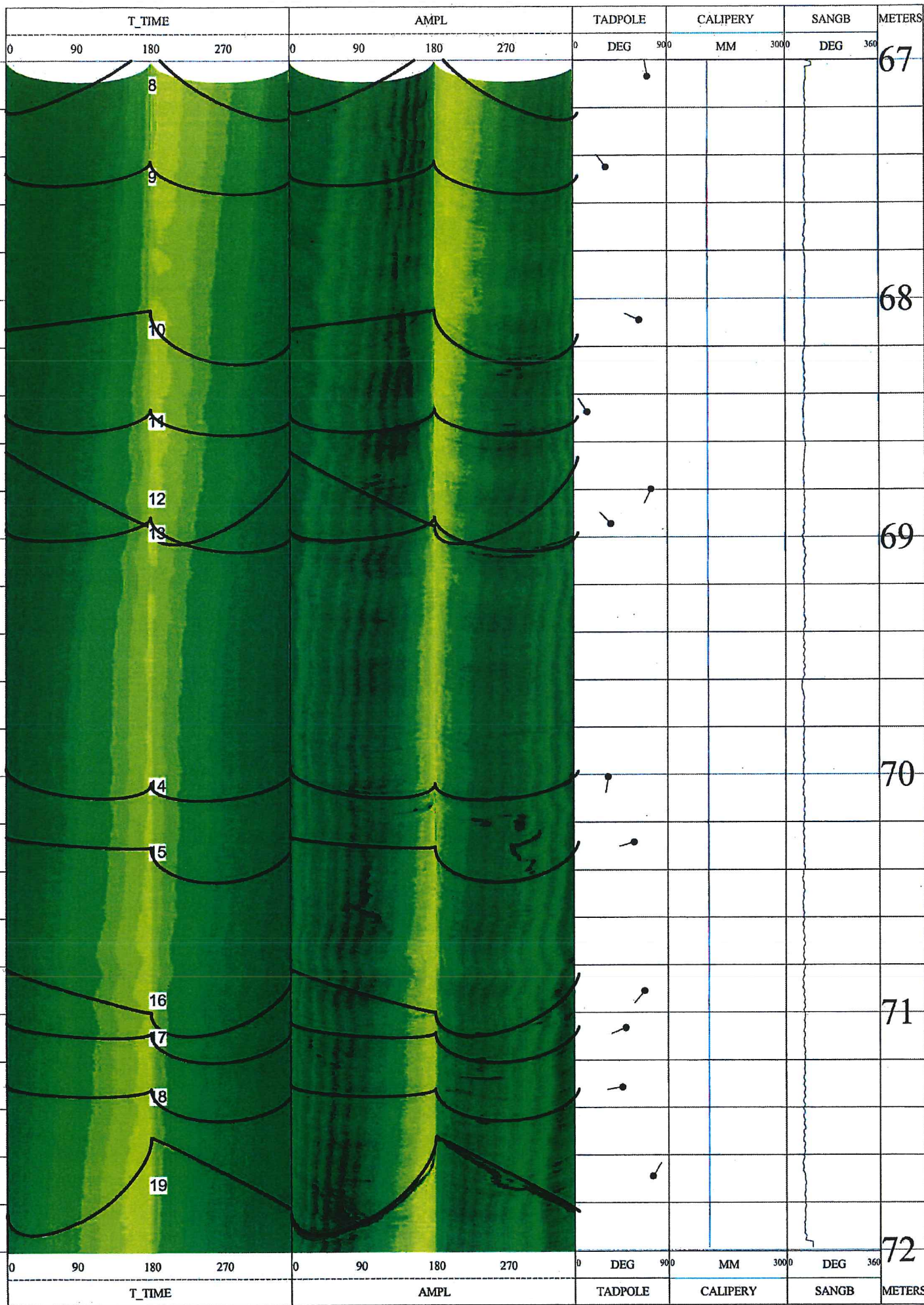


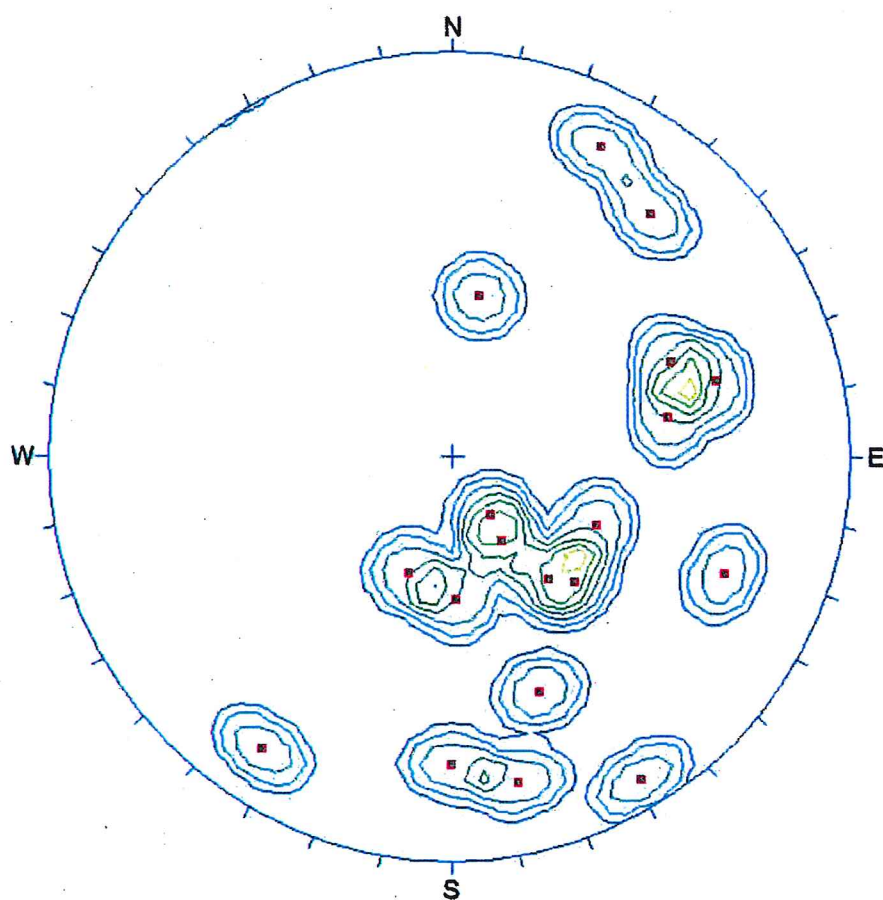












■ Poles

Equal Area
Lower Hemisphere
19 Poles
19 Entries

Contract : Ground Investigation - New Territories West (Term Contract)
Contract No. : GE/2014/07.34A
Location : Yuen Long
Borehole No. : S2-DH10



Contract No. GE/2014/07
Ground Investigation – New Territories West (Term Contract)

Appendix G

Digital Data Records (AGS and PDF in CD-ROM)



Media Index Record

Project Identification	D-626
Project Name	Contract No. GE/2014/07 Ground Investigation - New Territories West (Term Contract)
Works Order No.	GE/2014/07.34A
Location	Agreement No. CE 32/2014 (HY) Elevated Pedestrian Corridor in Yuen Long Town connecting with Long Ping Station - Investigation, Design and Construction Ground Investigation (Stage 2)
Client	Geotechnical Engineering Office, Civil Engineering and Development Department
From	DrilTech Ground Engineering Ltd.

Issue Sequence Number	Date of Issue	Issued To		General Notes
D626_GE201407.34A.00	26/Apr/16	Geotechnical Engineering Office, Civil Engineering and Development Department		
File Name	Creation Date	Creation Time	File Size in Bytes	General Description of Data Transferred
GE201407.34A.ags	25/Apr/16	16:06	277KB	Digital Data in AGS Format for Final Field Work Report
GE201407.34A.pdf	26/Apr/16	10:30	188,876KB	Digital Data in PDF Format for Final Field Work Report
Photographs_201407.34A.jpg	25/Apr/16	11:25	612MB	Digital Data in JPG Format for Final Field Work Report
Individual Investigation Stations.pdf	26/Apr/16	11:36	95MB	Digital Data in PDF Format for Final Field Work Report



Contract No. GE/2014/07
Ground Investigation - New Territories West (Term Contract)

End of Report