

1) Appendix I: Details of Interpreted VES Graphs.

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Table A1: Interpreted Graphs for VES in Proposed Dam Site 1

HERP Line No.	VES No.	Coordinates		Elevation (m)
		X	Y	
HERP Line No. 1	RADAT1-1VES 1			
	RADAT1-1VES 2			
	RADAT1-1VES 3			
	RADAT1-1VES 4			
	RADAT1-1VES 5			
	RADAT1-1VES 6			
	RADAT1-CVES 25			
HERP Line No. 2	RADAT1-2VES 1			
	RADAT1-2VES 2			
	RADAT1-2VES 3			
	RADAT1-2VES 4			
	RADAT1-2VES 5			
	RADAT1-2VES 6			

Table A2: Interpreted Graphs for VES in Proposed Dam Site 2

HERP Line No.	VES No.	Coordinates		Elevation (m)
		X	Y	
HERP Line No. 1	RADAT2-1VES 1			
	RADAT2-1VES 2			
	RADAT2-1VES 3			
	RADAT2-1VES 4			
	RADAT2-1VES 5			
	RADAT2-1VES 6			
	RADAT2-CVES 26			
HERP Line No. 2	RADAT2-2VES 1			
	RADAT2-2VES 2			
	RADAT2-2VES 3			
	RADAT2-2VES 4			
	RADAT2-2VES 5			
	RADAT2-2VES 6			
HERP Line No. 3	RADAT2-3VES 1			
	RADAT2-3VES 2			
	RADAT2-3VES 3			
	RADAT2-3VES 4			
	RADAT2-3VES 5			
	RADAT2-3VES 6			

Table A3: Interpreted Graphs for VES in Proposed Dam Site 3

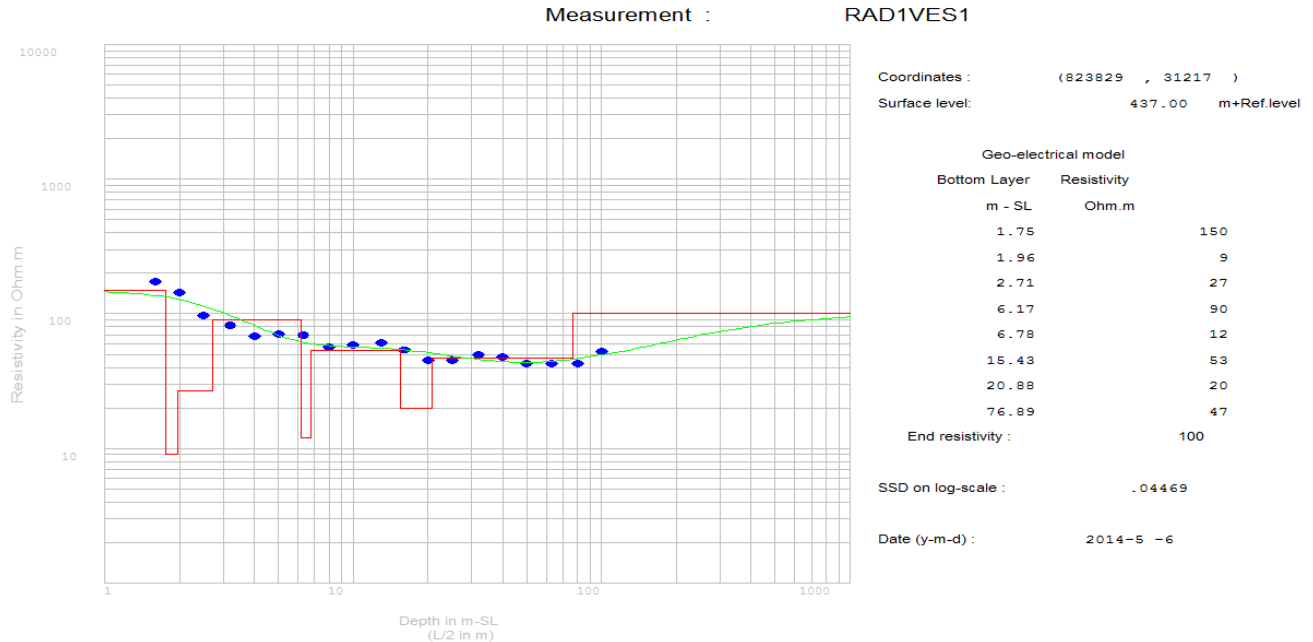
HERP Line No.	VES No.	Coordinates		Elevation (m)
		X	Y	

HERP Line No. 1	RADAT3-1VES 1			
	RADAT3-1VES 2			
	RADAT3-1VES 3			
	RADAT3-1VES 4			
	RADAT3-1VES 5			
	RADAT3-1VES 6			
HERP Line No. 2	RADAT3-2VES 1			
	RADAT3-2VES 2			
	RADAT3-2VES 3			
	RADAT3-2VES 4			
	RADAT3-2VES 5			
	RADAT3-2VES 6			
HERP Line No. 3	RADAT3-3VES 1			
	RADAT3-3VES 2			
	RADAT3-3VES 3			
	RADAT3-3VES 4			
	RADAT3-3VES 5			

VES on Dam Site 1 (Figures AI - A1 – A13)

HERP Line 1

RADAT1-1VES 1



Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	174.00
2.00	144.00
2.50	97.00
3.20	82.00
4.00	68.00
5.00	71.00
6.30	69.00
8.00	57.00
10.00	59.00
13.00	61.00
16.00	54.00
20.00	45.00
25.00	45.00
32.00	50.00
40.00	48.00
50.00	42.99
63.00	42.99
80.00	42.99
100.00	52.36

Figure AI – A1: Interpreted Graph for RADAT1-1VES 1

RADAT1-1VES 2

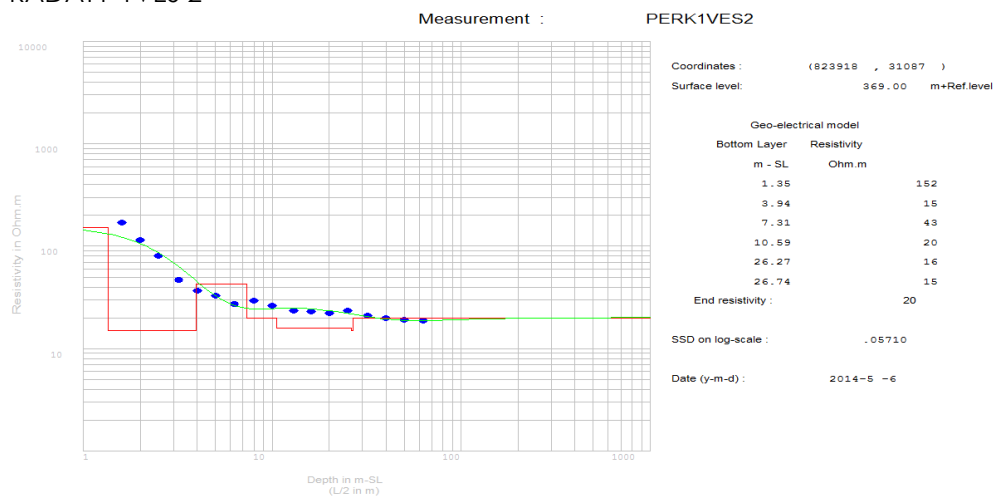
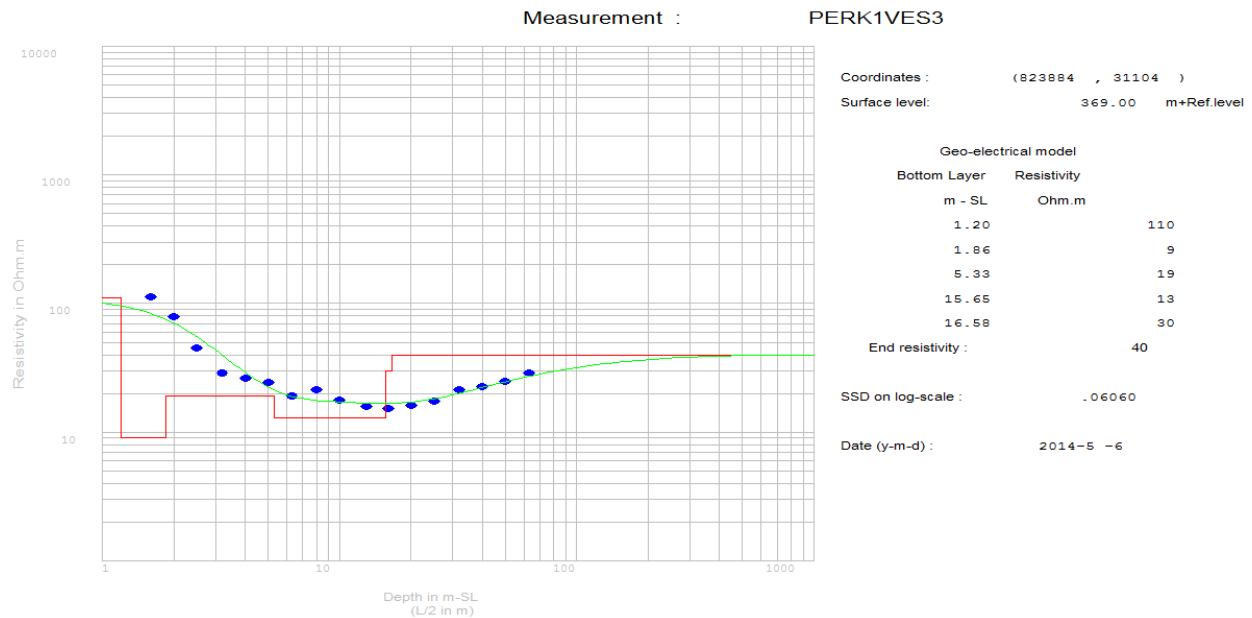


Figure AI – A2: Interpreted Graph for RADAT1-1VES 2

RADAT1 – 1VES 3

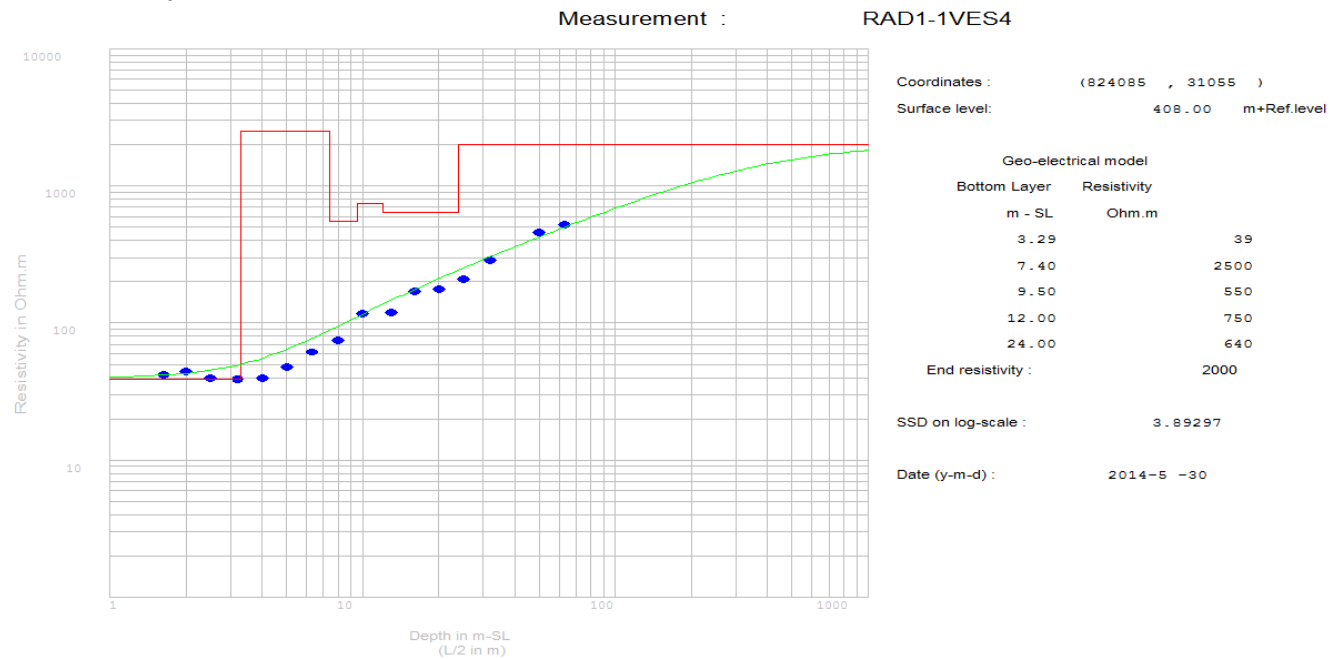


Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	113.02
2.00	78.78
2.50	45.10
3.20	29.05
4.00	26.48
5.00	24.21
6.30	19.27
8.00	21.58
10.00	17.78
13.00	15.90
16.00	15.30
20.00	16.30
25.00	17.56
32.00	21.32
40.00	22.69
50.00	24.79
63.00	28.65

Figure AI – A3: Interpreted Graph for RADAT1-1VES 3

RADAT1-1VES 4

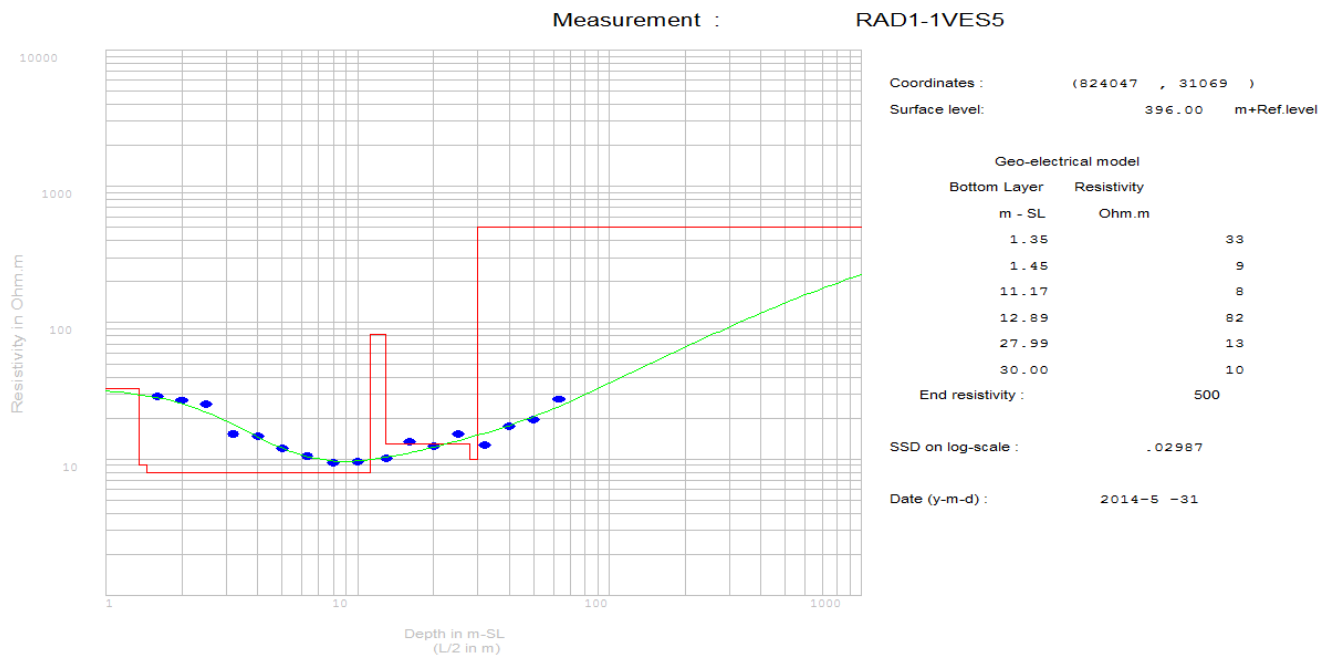


Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.64	41.80
2.00	44.43
2.50	39.34
3.20	39.15
4.00	39.46
5.00	47.77
6.30	61.52
8.00	75.22
10.00	118.01
13.00	119.40
16.00	169.77
20.00	176.75
25.00	210.78
32.00	289.64
40.00	320.55
50.00	459.39
63.00	526.86

Figure AI – A4: Interpreted Graph for RADAT1-1VES 4

RADAT1 – 1VES 5

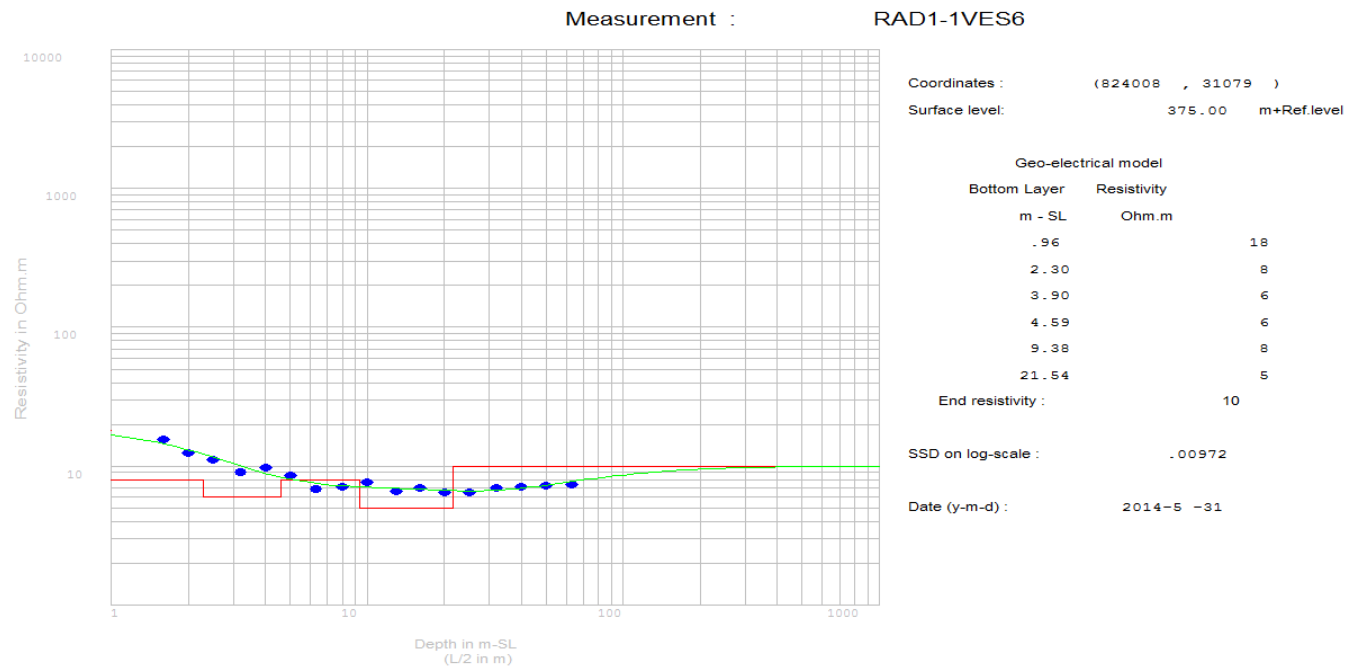


Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	28.84
2.00	27.05
2.50	25.19
3.20	15.28
4.00	14.82
5.00	11.90
6.30	10.48
8.00	9.41
10.00	9.62
13.00	10.15
16.00	13.52
20.00	12.38
25.00	15.40
32.00	12.74
40.00	17.51
50.00	19.65
63.00	27.56

Figure AI – A5: Interpreted Graph for RADAT1-1VES 5

RADAT1-1VES 6

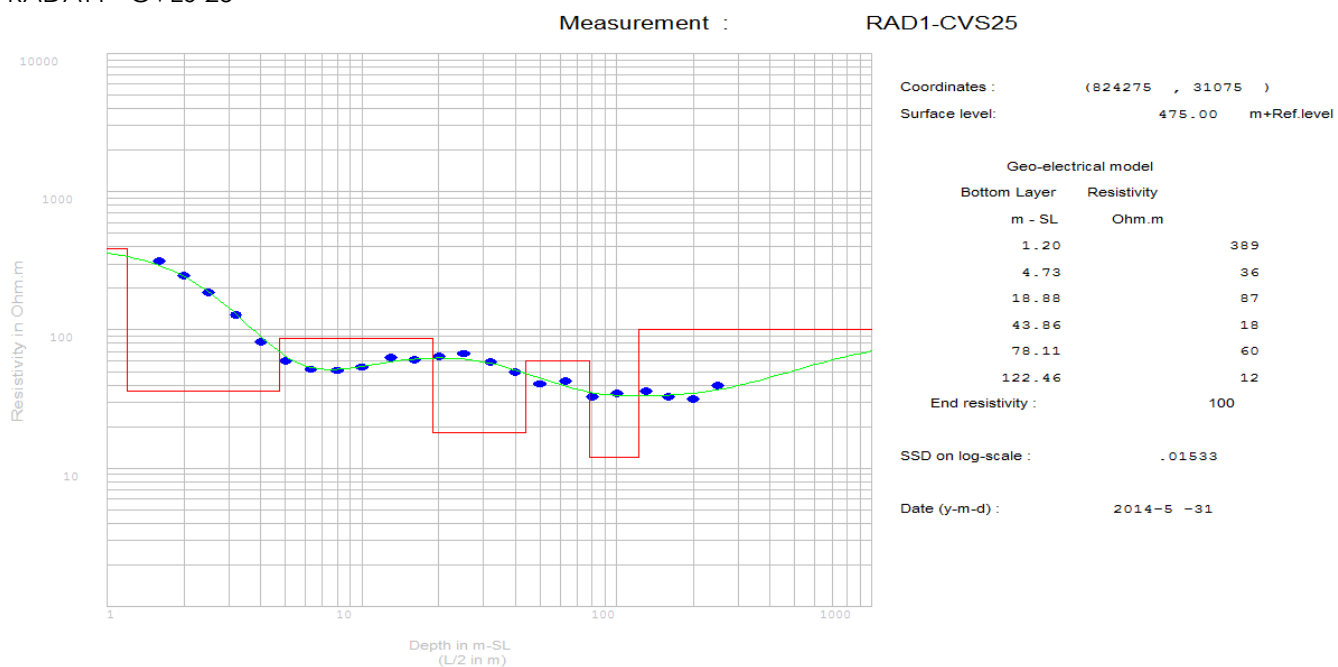


Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	15.66
2.00	12.44
2.50	11.08
3.20	9.13
4.00	9.69
5.00	8.57
6.30	6.88
8.00	7.17
10.00	7.64
13.00	6.65
16.00	6.93
20.00	6.51
25.00	6.53
32.00	6.97
40.00	7.10
50.00	7.31
63.00	7.40

Figure AI – A6: Interpreted Graph for RADAT1-1VES 6

RADAT1 –CVES 25



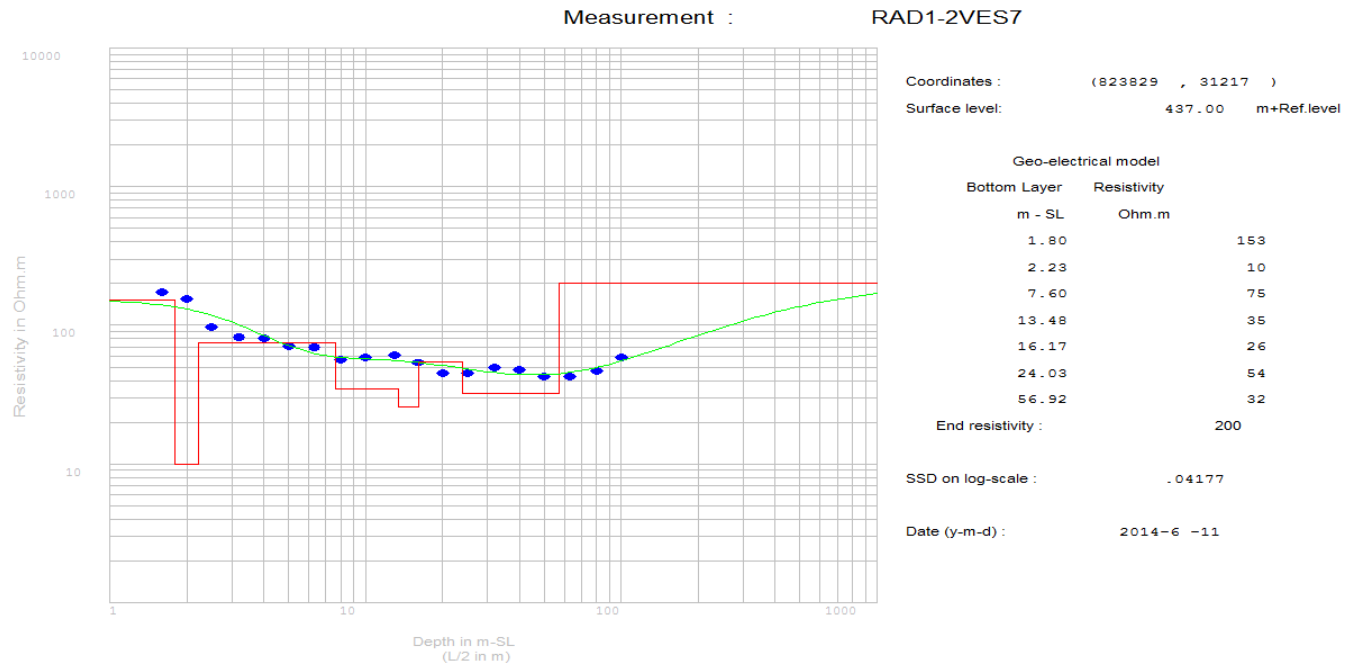
Reference level: 1000m als

Depth [m]	resistivity [Ohm.m]
1.60	315.00
2.00	248.00
2.50	186.00
3.20	129.00
4.00	82.00
5.00	60.00
6.30	52.00
8.00	51.00
10.00	54.00
13.00	63.00
16.00	61.00
20.00	64.25
25.00	67.51
32.00	58.56
40.00	49.61
50.00	40.81
63.00	42.41
80.00	32.81
100.00	35.00
130.00	36.09
160.00	32.81
200.00	31.72
250.00	39.37

Figure AI – A7: Interpreted Graph for RADAT1-CVES 25

HERP Line 2

RADAT1 – 2VES 7

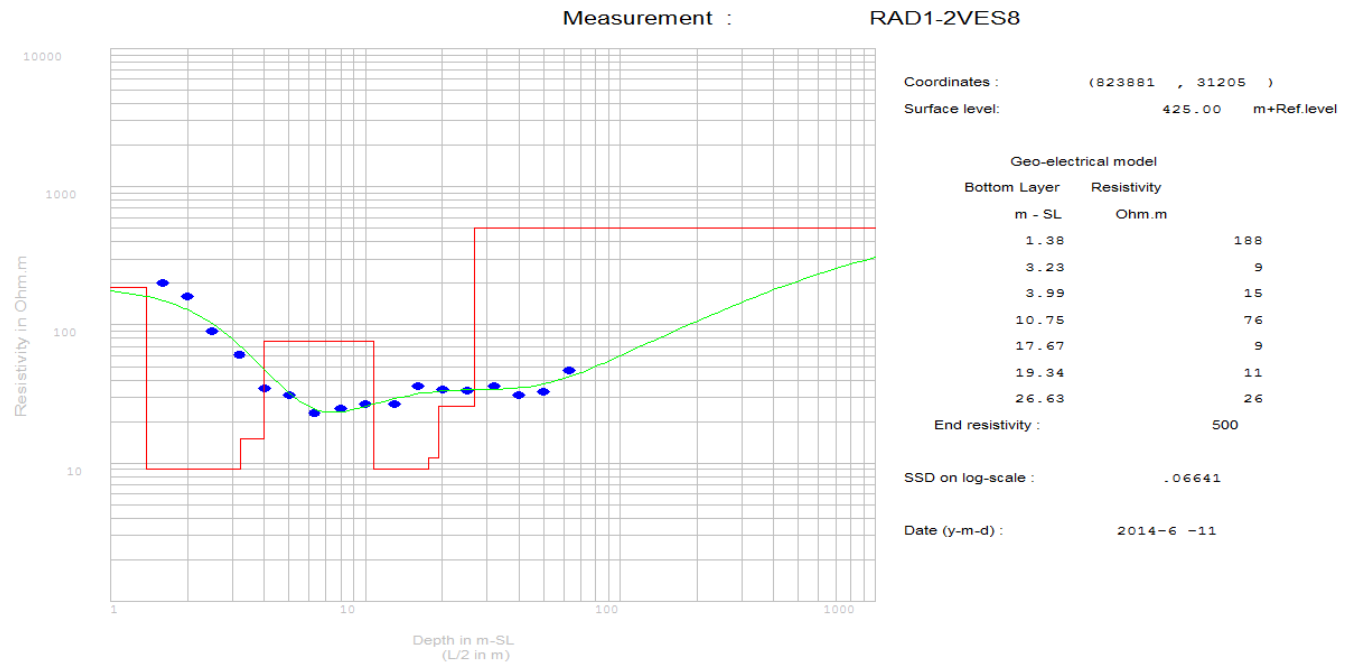


Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	174.00
2.00	154.00
2.50	97.00
3.20	82.00
4.00	80.00
5.00	71.00
6.30	69.00
8.00	57.00
10.00	59.00
13.00	61.00
16.00	54.00
20.00	45.00
25.00	45.00
32.00	50.00
40.00	48.00
50.00	42.99
63.00	42.99
80.00	47.28
100.00	58.36

Figure AI – A8: Interpreted Graph for RADAT1-2VES 7

RADAT1 – 2VES 8

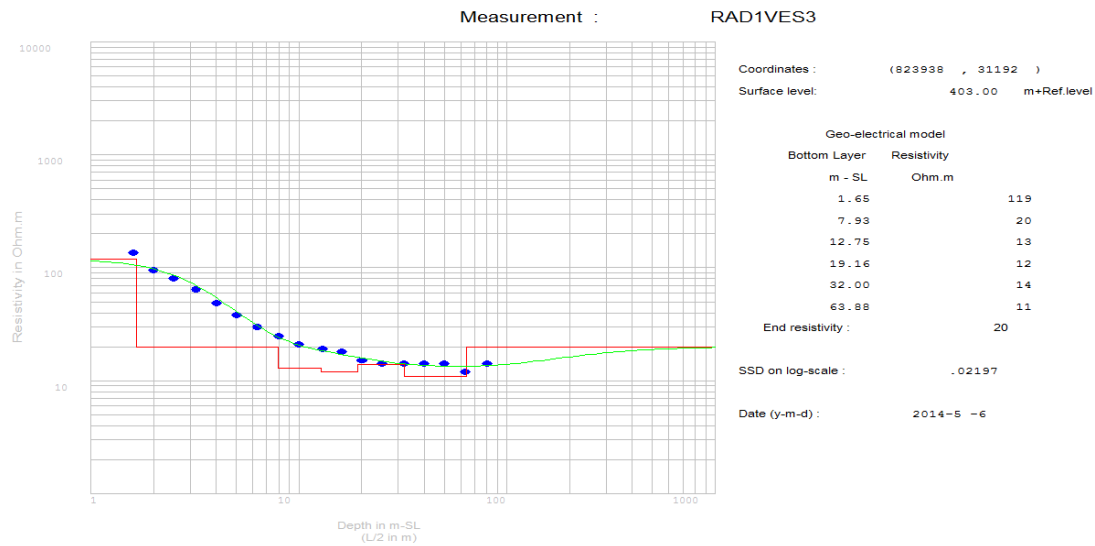


Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	201.00
2.00	160.00
2.50	90.00
3.20	61.00
4.00	35.00
5.00	31.00
6.30	23.00
8.00	25.00
10.00	27.00
13.00	27.00
16.00	36.00
20.00	34.36
25.00	33.27
32.00	36.00
40.00	31.09
50.00	32.99
63.00	46.95

Figure AI – A9: Interpreted Graph for RADAT1-2VES 7

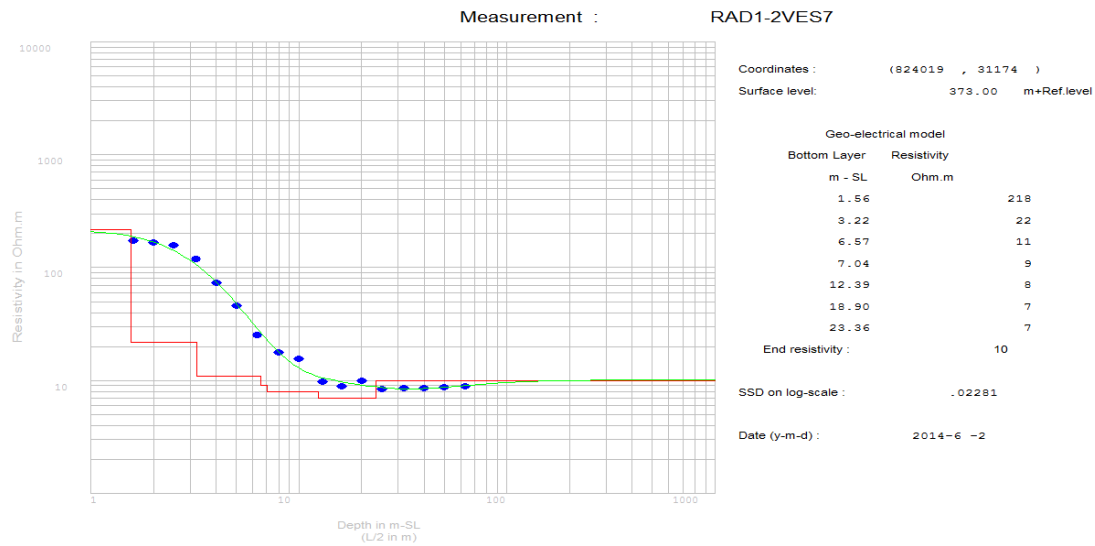
RADAT1 - 2VES 9



Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	136.00
2.00	96.00
2.50	80.00
3.20	65.00
4.00	49.00
5.00	38.00
6.30	30.00
8.00	25.00
10.00	21.00
13.00	19.00
16.00	18.00
20.00	15.16
25.00	14.21
32.00	14.21
40.00	14.21
50.00	14.21
63.00	12.02
80.00	14.21

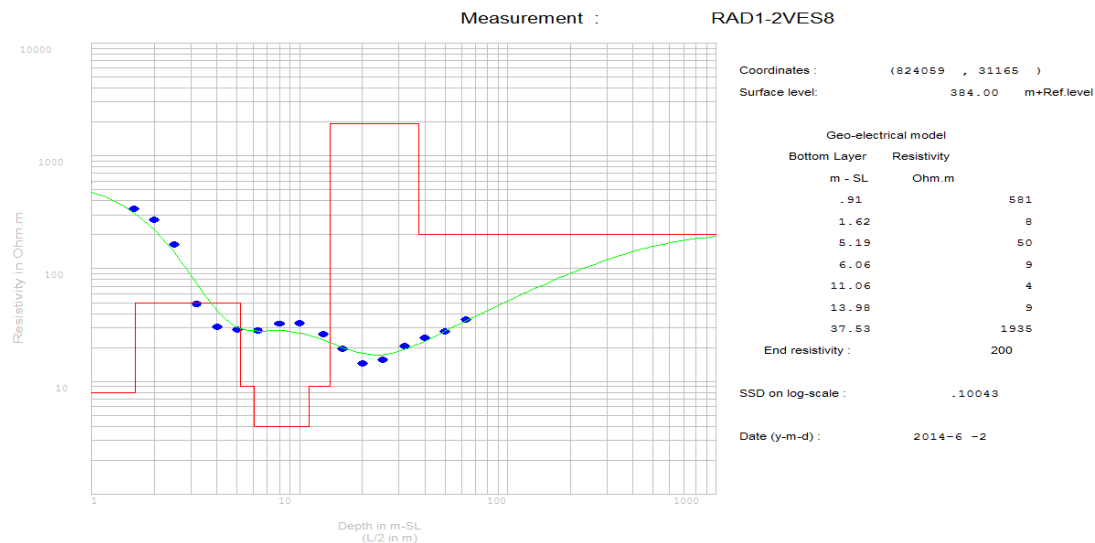
Figure A1 – A10: Interpreted Graph for RADAT1-2VES 9



Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	172.20
2.00	166.60
2.50	158.20
3.20	119.70
4.00	74.00
5.00	46.40
6.30	25.30
8.00	17.90
10.00	15.70
13.00	9.70
16.00	8.90
20.00	9.96
25.00	8.48
32.00	8.62
40.00	8.55
50.00	8.72
63.00	8.89

Figure AI – A11: Interpreted Graph for RADAT1-2VES 10



Reference level: 1000m asl

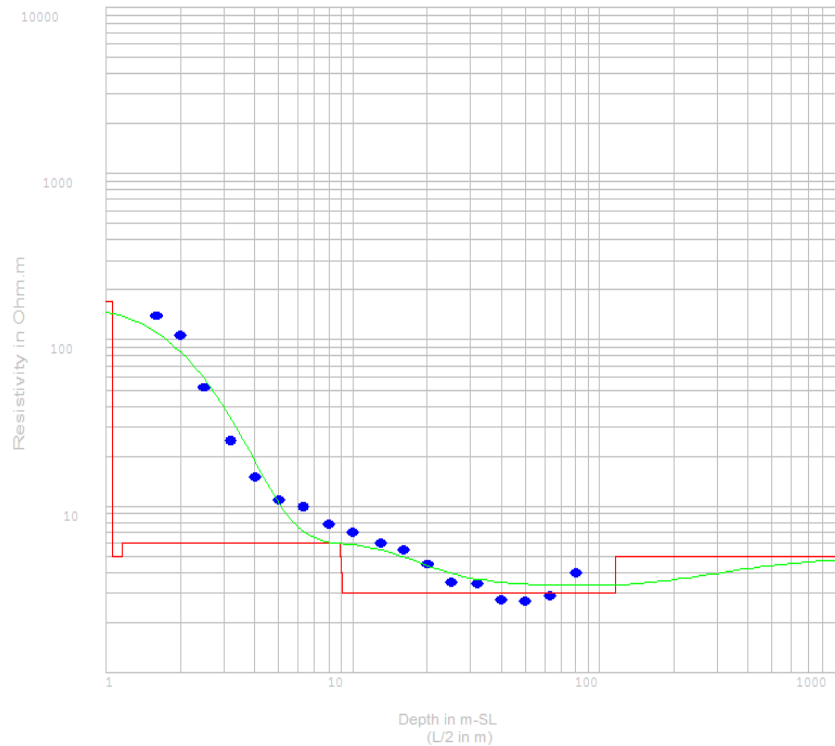
Depth [m]	resistivity [Ohm.m]
1.60	341.50
2.00	273.20
2.50	164.90
3.20	49.00
4.00	30.30
5.00	28.90
6.30	28.20
8.00	32.60
10.00	32.80
13.00	26.40
16.00	19.50
20.00	14.37
25.00	15.60
32.00	20.50
40.00	24.40
50.00	27.90
63.00	35.17

Figure AI – A12: Interpreted Graph for RADAT1-2VES 11

RADAT1-2VES 12

Measurement :

RAD1VES4



Coordinates : (824123 , 31129)
Surface level: 415.00 m+Ref.level

Geo-electrical model		
Bottom Layer	Resistivity	
m - SL	Ohm.m	
1.06	169	
1.16	5	
8.88	6	
8.98	5	
9.08	4	
115.42	3	
End resistivity :	5	

SSD on log-scale : .13020

Date (y-m-d) : 2014-5 -6

Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	140.00
2.00	107.00
2.50	52.00
3.20	25.00
4.00	15.00
5.00	11.00
6.30	10.00
8.00	7.80
10.00	7.00
13.00	6.00
16.00	5.50
20.00	4.50
25.00	3.50
32.00	3.43
40.00	2.74
50.00	2.70
63.00	2.90
80.00	4.00

Figure AI – A13: Interpreted Graph for RADAT1-2VES 12

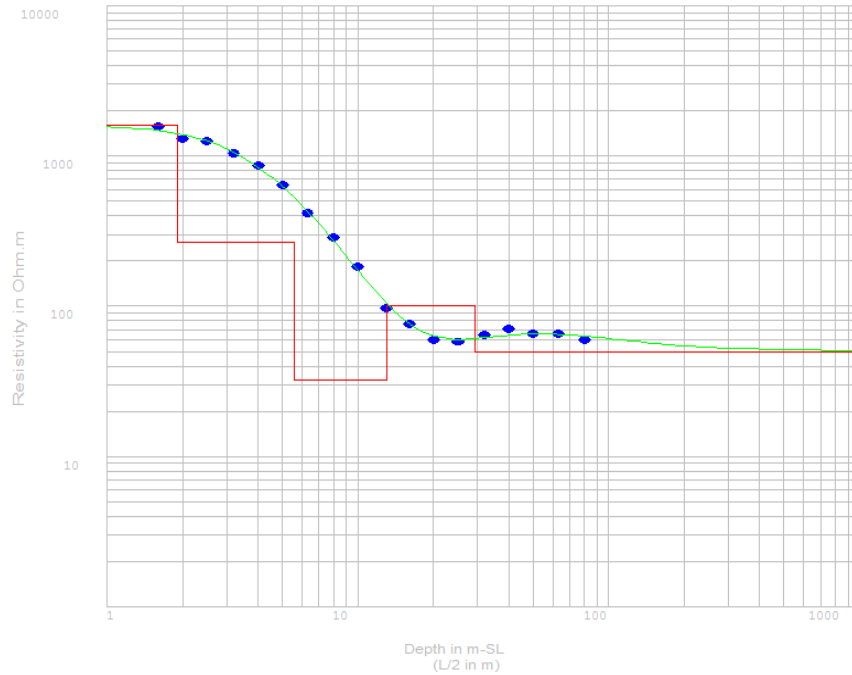
VES on Dam Site 2 (Figures AI – A14 – A33)

HELP Line 1

RADAT2-1VES1

Measurement :

RAD2VES5



Coordinates : (822985 , 30670)
Surface level: 410.00 m+Ref.level

Geo-electrical model

Bottom Layer	Resistivity
m - SL	Ohm.m
1.92	1598
5.61	266
13.01	32
29.29	100

End resistivity : 50

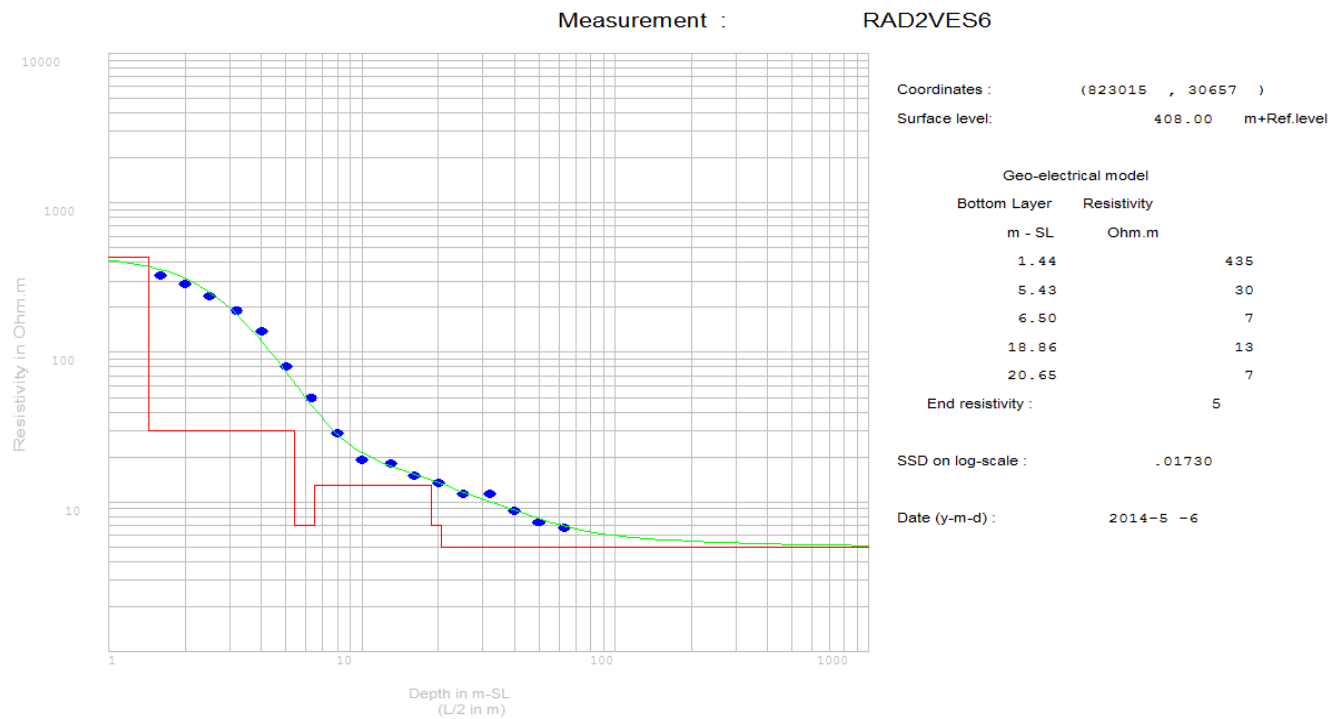
SSD on log-scale : .00722

Date (y-m-d) : 2014-5 -6

Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	1560.00
2.00	1306.00
2.50	1253.00
3.20	1039.00
4.00	866.00
5.00	641.00
6.30	420.00
8.00	286.00
10.00	185.00
13.00	98.00
16.00	76.00
20.00	59.71
25.00	58.17
32.00	64.06
40.00	70.77
50.00	65.30
63.00	65.90
80.00	59.62

Figure AI – A14: Interpreted Graph for RADAT2-1VES 1
RADAT2-1VES 2



Reference level: 1000m asl

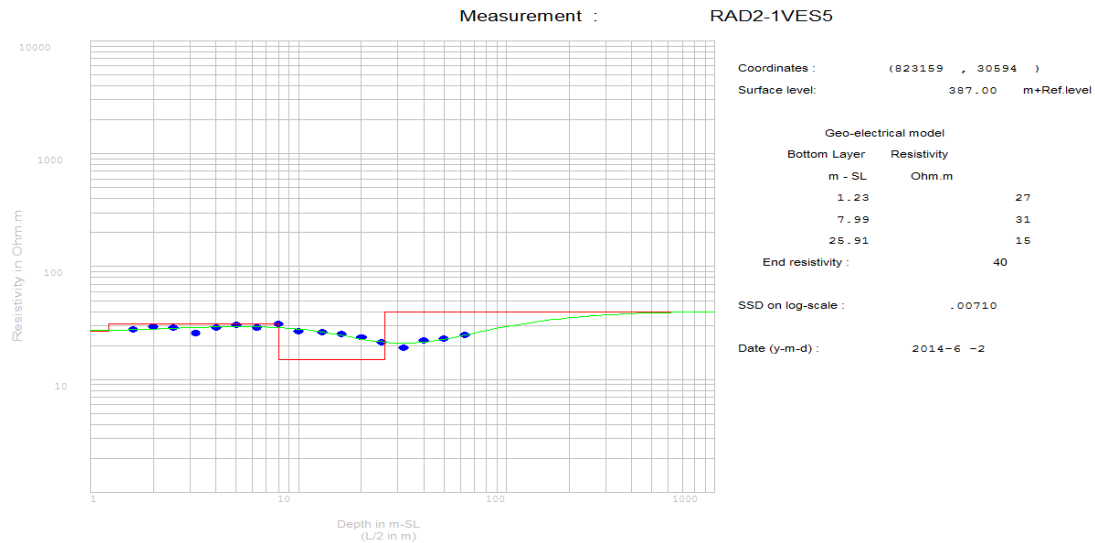
Depth [m]	resistivity [Ohm.m]
1.60	327.00
2.00	289.00
2.50	239.00
3.20	191.00
4.00	139.00
5.00	81.00
6.30	50.00
8.00	29.00
10.00	19.00
13.00	18.00
16.00	15.00
20.00	13.50
25.00	11.25
32.00	11.25
40.00	8.75
50.00	7.31
63.00	6.75

Figure AI – A15: Interpreted Graph for RADAT2-1VES 2

Figure AI – A16: Interpreted Graph for RADAT2-1VES 3

Figure AI – A17: Interpreted Graph for RADAT2-1VES 4

RADAT2 – 1VES 5

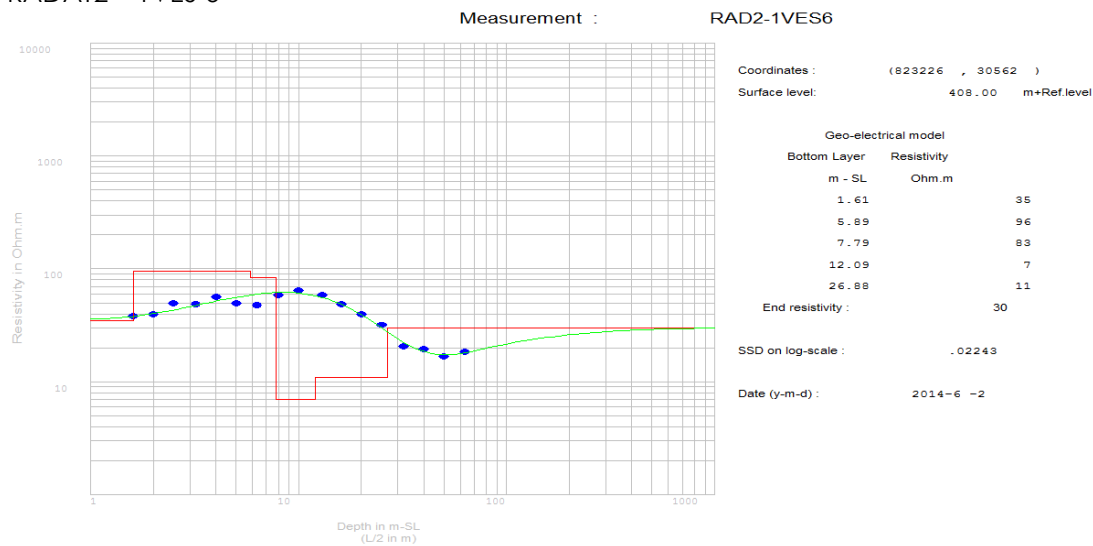


Reference level: 1000m

Depth [m]	resistivity [Ohm.m]
1.60	27.80
2.00	29.60
2.50	28.90
3.20	25.70
4.00	29.10
5.00	30.50
6.30	28.70
8.00	30.90
10.00	27.00
13.00	26.20
16.00	25.40
20.00	23.74
25.00	21.46
32.00	19.00
40.00	22.08
50.00	23.12
63.00	24.70

Figure AI – A18: Interpreted Graph for RADAT2-1VES 5

RADAT2 – 1VES 6



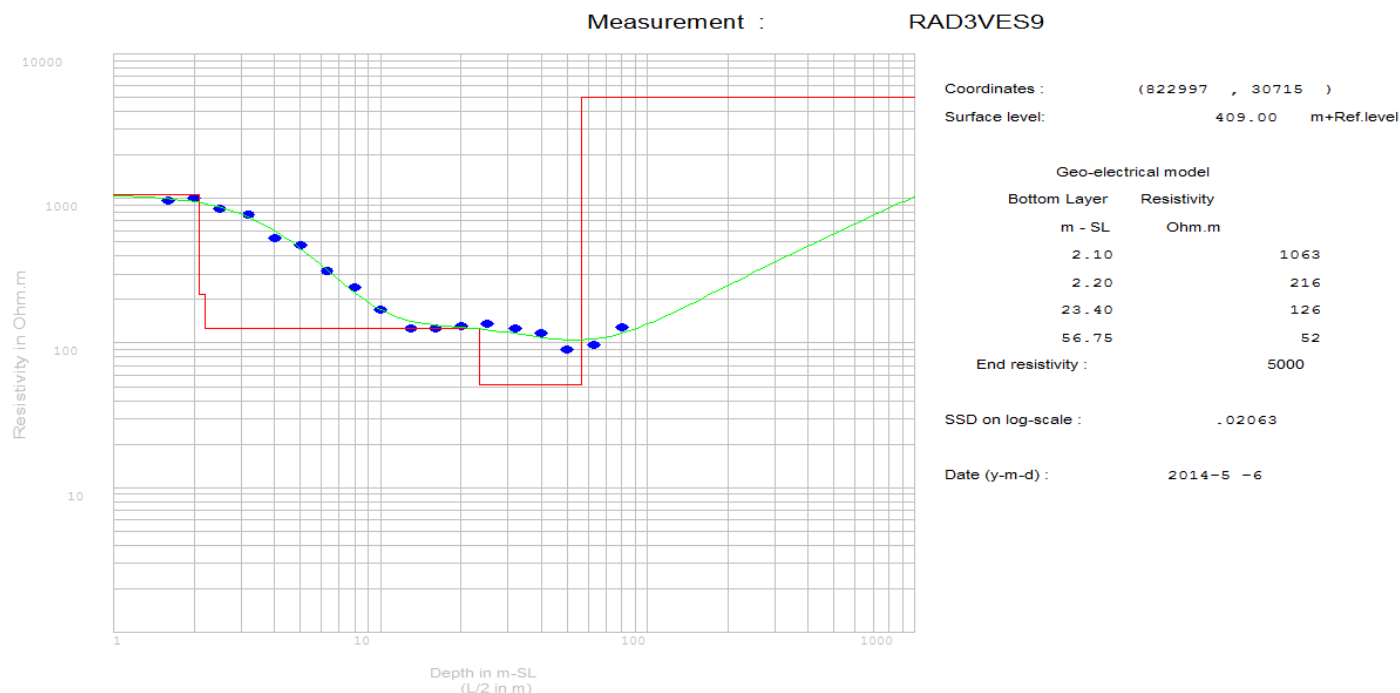
Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	38.50
2.00	39.70
2.50	49.50
3.20	49.10
4.00	56.97
5.00	49.50
6.30	47.80
8.00	59.20
10.00	64.20
13.00	58.30
16.00	48.50
20.00	39.33
25.00	31.98
32.00	20.48
40.00	19.61
50.00	16.71
63.00	18.40

Figure AI – A19: Interpreted Graph for RADAT2-1VES 6

HELP Line 2

RAD2-2V1

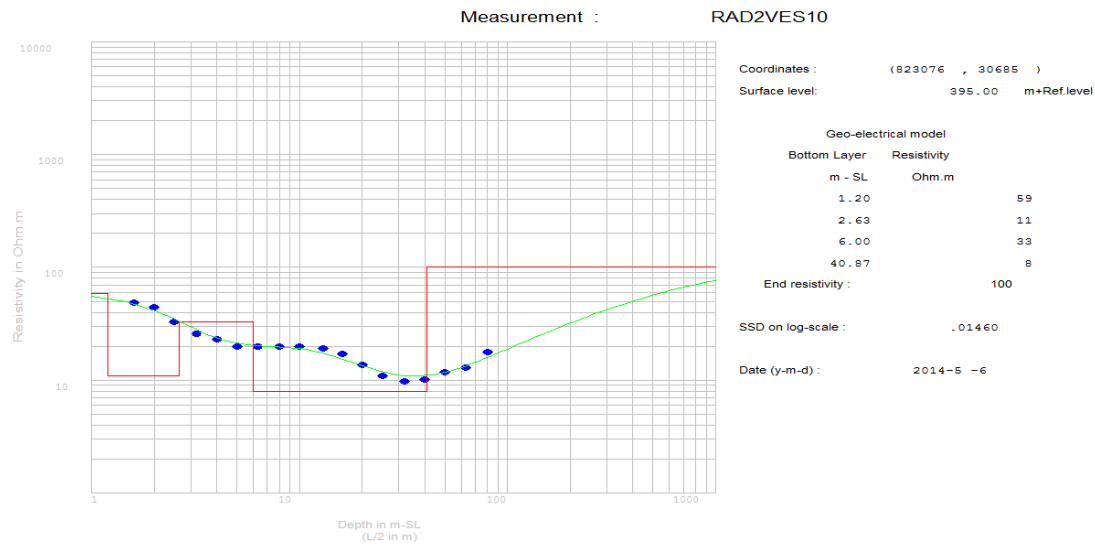


Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	972.00
2.00	1003.00
2.50	849.00
3.20	778.00
4.00	528.00
5.00	473.00
6.30	317.00
8.00	241.00
10.00	169.00
13.00	126.00
16.00	126.00
20.00	131.21
25.00	137.24
32.00	125.79
40.00	118.08
50.00	90.76
63.00	97.59
80.00	127.90

Figure AI – A20: Interpreted Graph for RADAT2-2VES 1

RADAT2-2V2



Reference level: 1000m asl

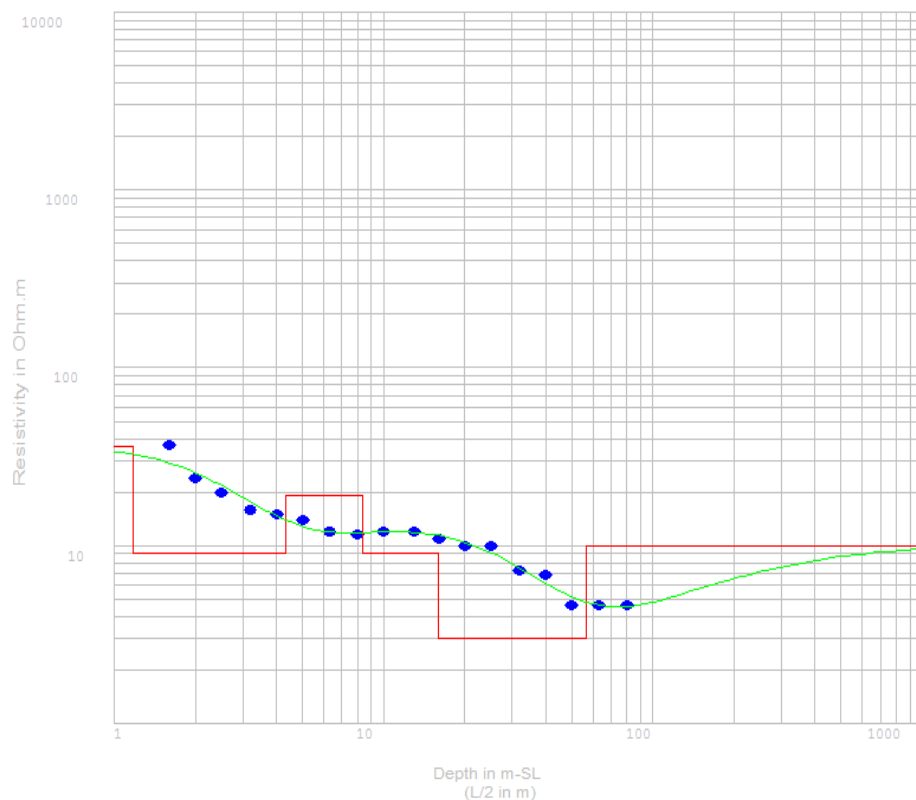
Depth [m]	resistivity [Ohm.m]
1.60	49.00
2.00	44.00
2.50	33.00
3.20	26.00
4.00	23.00
5.00	20.00
6.30	20.00
8.00	20.00
10.00	20.00
13.00	19.00
16.00	17.00
20.00	13.60
25.00	10.93
32.00	9.80
40.00	10.20
50.00	11.76
63.00	12.98
80.00	17.62

Figure AI – A21: Interpreted Graph for RADAT2-2VES 2

RADAT2-2VES3

Measurement :

RAD2VES11



Coordinates : (823151 , 30658)

Surface level: 375.00 m+Ref.level

Geo-electrical model

Bottom Layer Resistivity

m - SL Ohm.m

1.18	36
4.33	9
8.36	19
16.05	9
56.67	3
56.77	4

End resistivity : 10

SSD on log-scale : .02392

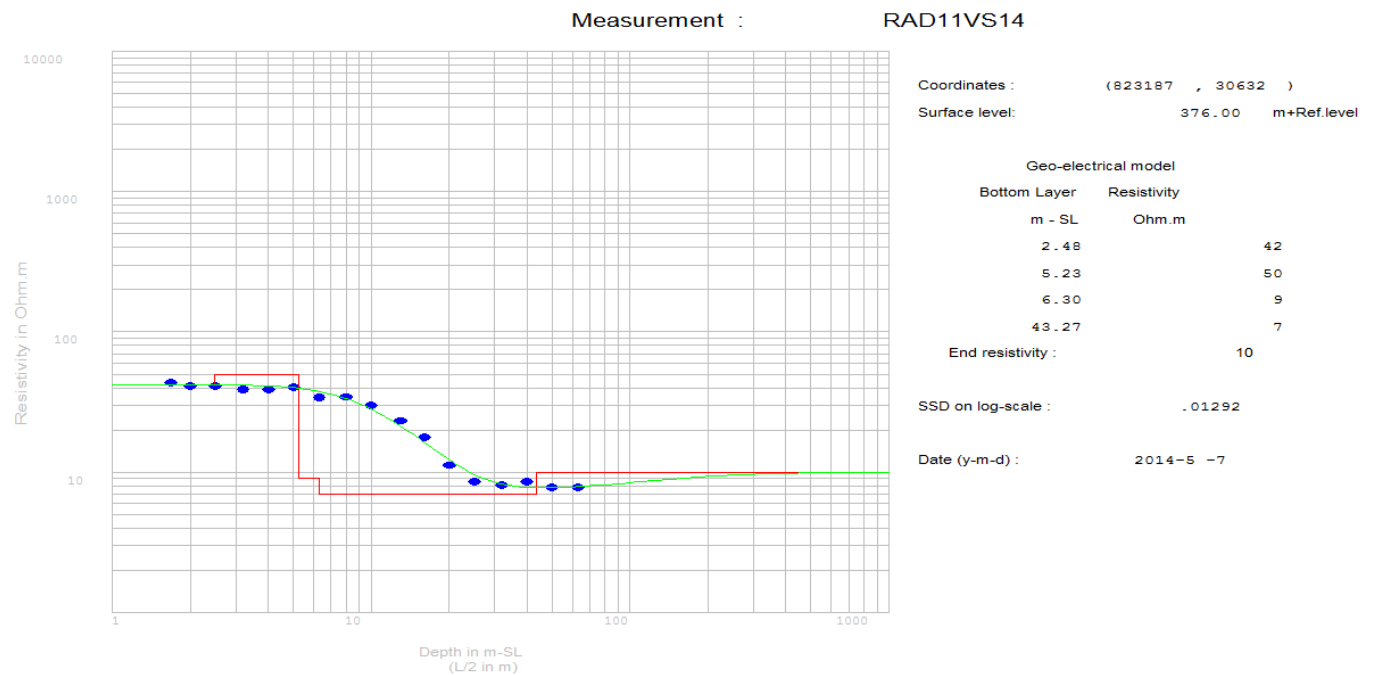
Date (y-m-d) : 2014-5 -6

Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	37.00
2.00	24.00
2.50	20.00
3.20	16.00
4.00	15.00
5.00	14.00
6.30	12.00
8.00	11.50
10.00	12.00
13.00	12.00
16.00	11.00
20.00	9.90
25.00	10.00
32.00	7.20
40.00	6.90
50.00	4.62
63.00	4.62
80.00	4.62

Figure AI – A22: Interpreted Graph for RADAT2-2VES 3

RADAT2-2VES4

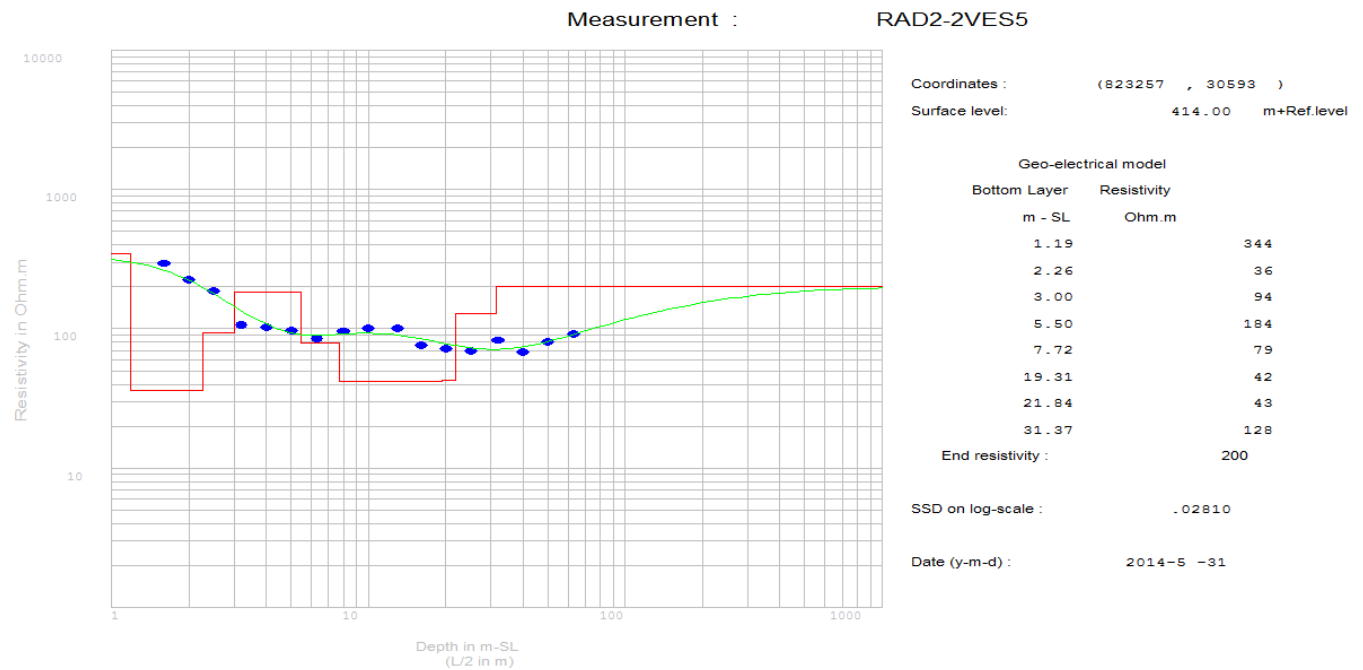


Reference Level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.69	43.80
2.00	41.30
2.50	41.50
3.20	39.00
4.00	39.10
5.00	40.40
6.30	34.30
8.00	34.50
10.00	30.00
13.00	23.30
16.00	17.80
20.00	11.24
25.00	8.52
32.00	8.07
40.00	8.50
50.00	7.76
63.00	7.76

Figure AI – A23: Interpreted Graph for RADAT2-2VES 4

RADAT2-2VES 5

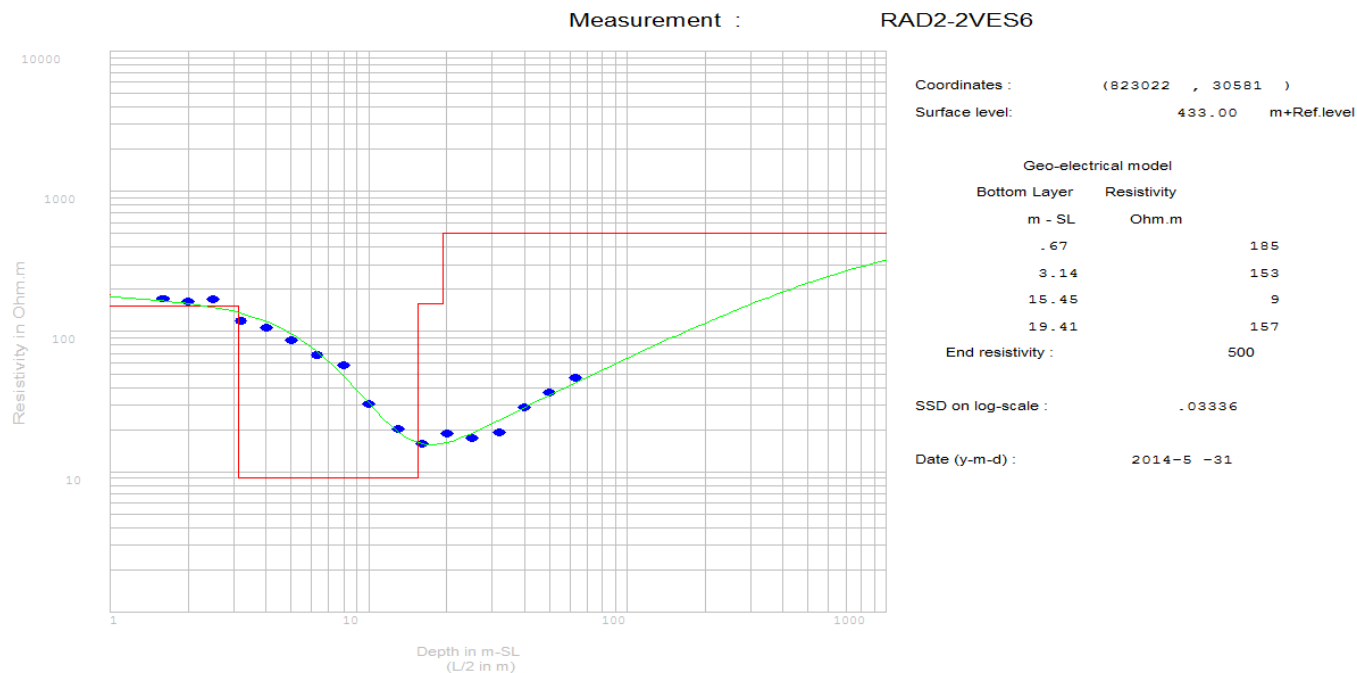


Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	171.97
2.00	163.30
2.50	171.00
3.20	119.60
4.00	105.90
5.00	86.40
6.30	68.70
8.00	57.60
10.00	30.60
13.00	20.30
16.00	15.90
20.00	18.81
25.00	17.41
32.00	19.23
40.00	28.71
50.00	36.63
63.00	46.80

Figure AI – A24: Interpreted Graph for RADAT2-2VES 5

RADAT2-2VES 6

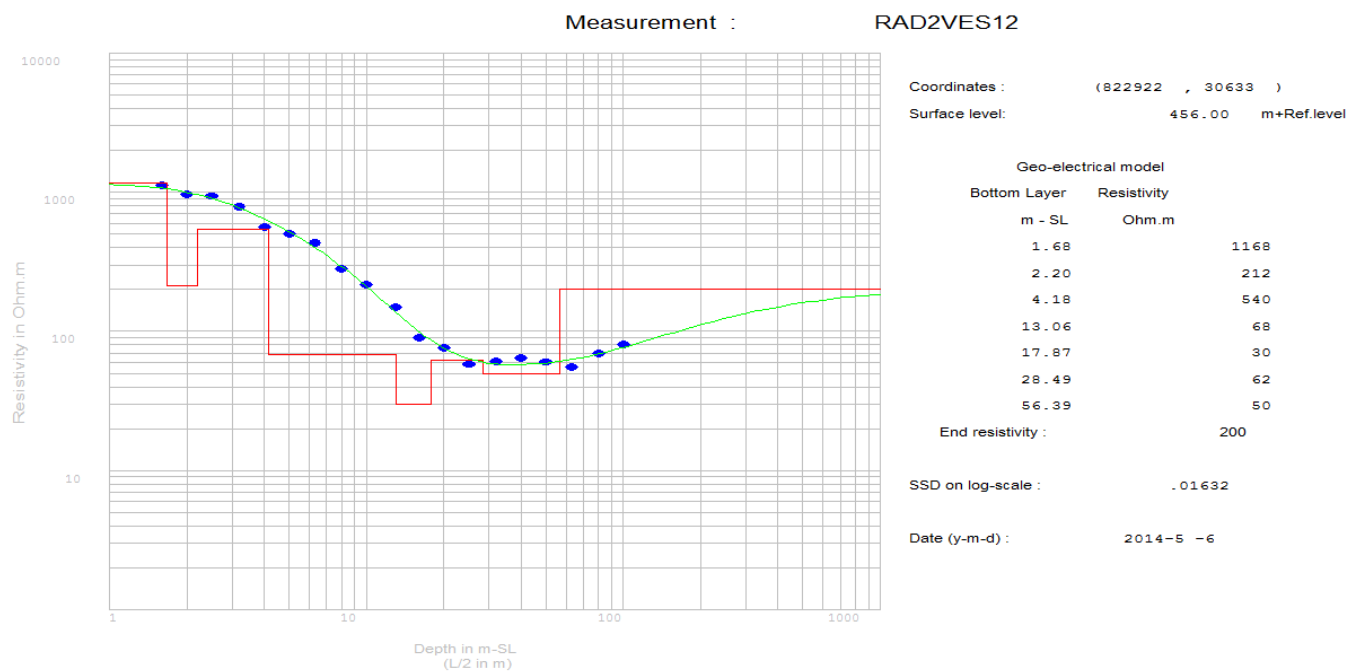


Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	171.97
2.00	163.30
2.50	171.00
3.20	119.60
4.00	105.90
5.00	86.40
6.30	68.70
8.00	57.60
10.00	30.60
13.00	20.30
16.00	15.90
20.00	18.81
25.00	17.41
32.00	19.23
40.00	28.71
50.00	36.63
63.00	46.80

Figure AI – A25: Interpreted Graph for RADAT2-2VES 6

RADAT2-3V1



Reference level: 1000m asl

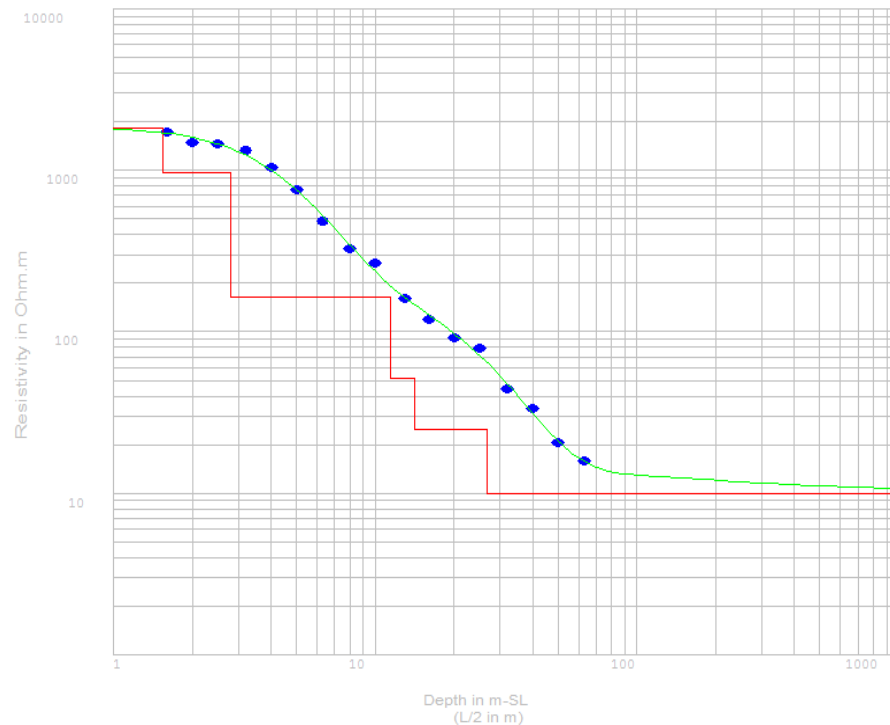
Depth [m]	resistivity [Ohm.m]
1.60	1132.00
2.00	960.00
2.50	941.00
3.20	791.00
4.00	565.00
5.00	505.00
6.30	432.00
8.00	284.00
10.00	217.00
13.00	149.00
16.00	91.00
20.00	76.24
25.00	58.21
32.00	60.67
40.00	63.95
50.00	60.35
63.00	55.28
80.00	68.94
100.00	80.20

Figure AI – A26: Interpreted Graph for RADAT2-3VES 1

RADAT2-3VES2

Measurement :

RAD2VES13



Coordinates : (822949 , 30624)
Surface level: 435.00 m+Ref.level

Geo-electrical model

Bottom Layer Resistivity

m - SL	Ohm.m
1.54	1841
2.79	966
11.40	165
14.14	52
26.88	25

End resistivity : 10

SSD on log-scale : .01188

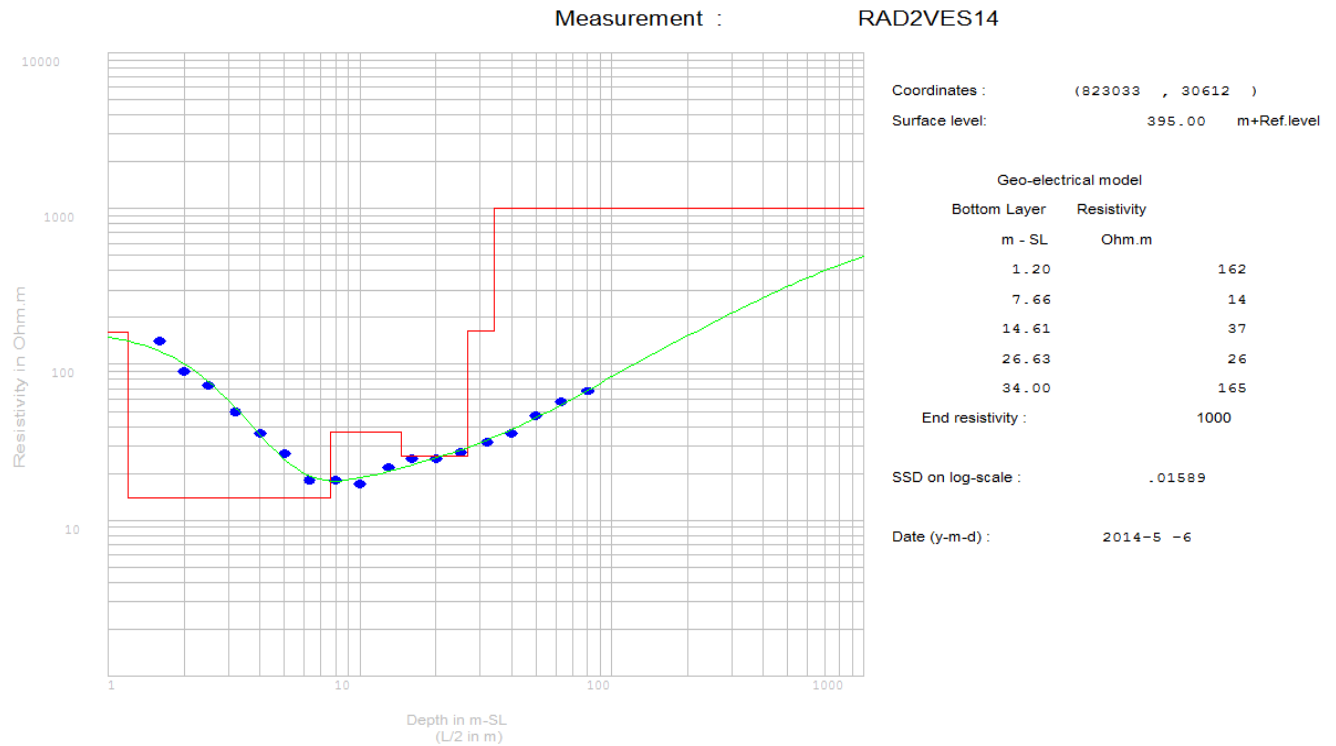
Date (y-m-d) : 2014-5 -6

Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	1735.00
2.00	1483.00
2.50	1457.00
3.20	1328.00
4.00	1035.00
5.00	763.00
6.30	486.00
8.00	328.00
10.00	268.00
13.00	162.00
16.00	120.00
20.00	91.89
25.00	78.92
32.00	44.32
40.00	33.51
50.00	20.77
63.00	15.77

Figure AI – A27: Interpreted Graph for RADAT2-3VES 2

RADAT2-3VES3



Reference level: 1000m asl

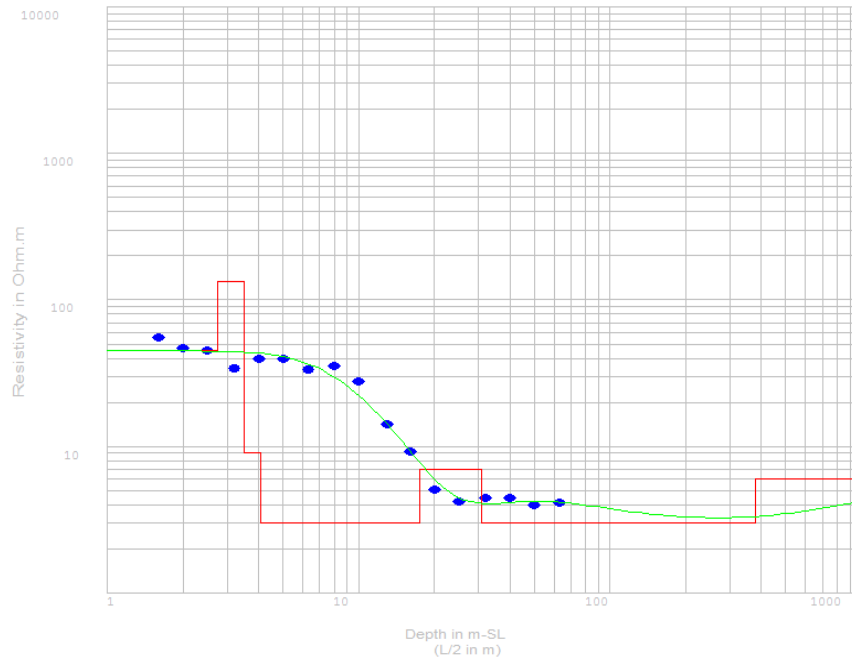
Depth [m]	resistivity [Ohm.m]
1.60	142.00
2.00	90.00
2.50	74.00
3.20	50.00
4.00	36.00
5.00	27.00
6.30	18.00
8.00	18.00
10.00	17.00
13.00	22.00
16.00	25.00
20.00	25.00
25.00	27.27
32.00	31.82
40.00	36.36
50.00	46.75
63.00	57.14
80.00	67.53

Figure AI – A28 Interpreted Graph for RADAT2-3VES 3

RADAT2-3VES4

Measurement :

RAD11VS15



Coordinates : (823107 , 30566)
Surface level: 377.00 m+Ref.level

Geo-electrical model

Bottom Layer Resistivity

m - SL Ohm.m

2.76	45
3.50	133
4.09	9
17.44	3
30.84	7
378.49	3

End resistivity : 6

SSD on log-scale : .04977

Date (y-m-d) : 2014-5 -7

Reference Level: 1000m asl

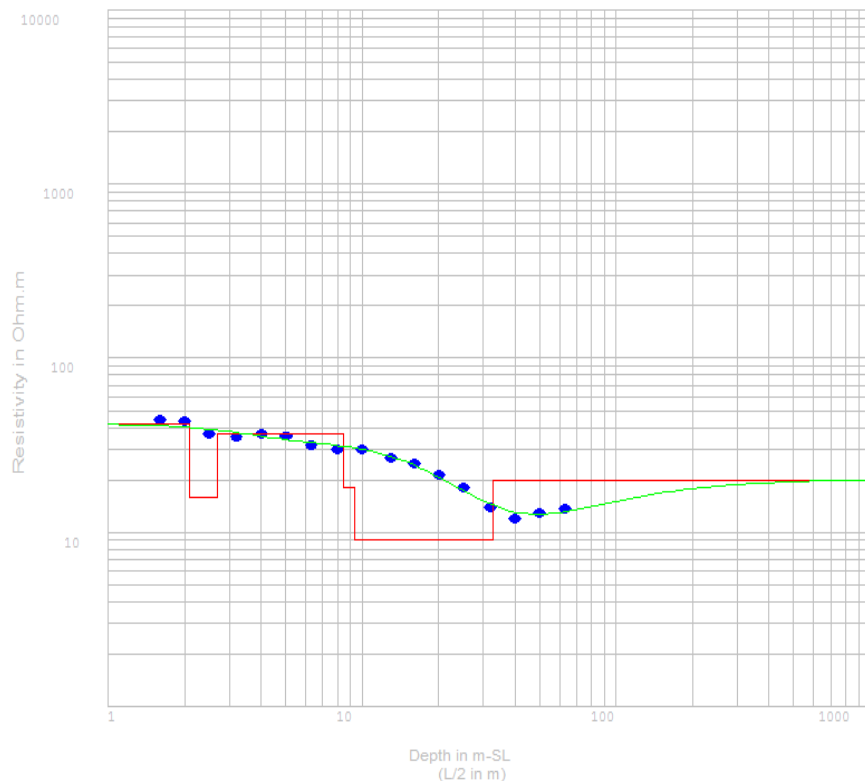
Depth [m]	resistivity [Ohm.m]
1.60	55.80
2.00	47.30
2.50	45.40
3.20	34.30
4.00	39.40
5.00	39.50
6.30	33.50
8.00	35.40
10.00	28.00
13.00	14.20
16.00	9.20
20.00	5.05
25.00	4.20
32.00	4.47
40.00	4.47
50.00	3.99
63.00	4.13

Figure AI – A29: Interpreted Graph for RADAT2-3VES 4

RADAT2-3VES5

Measurement :

RAD11VS16



Coordinates : (823167 , 30525)

Surface level: 385.00 m+Ref.level

Geo-electrical model

Bottom Layer	Resistivity
m - SL	Ohm.m
2.09	42
2.70	16
8.45	37
9.35	18
32.65	9
End resistivity :	20

SSD on log-scale : .00747

Date (y-m-d) : 2014-5 -7

Reference Level: 1000m asl

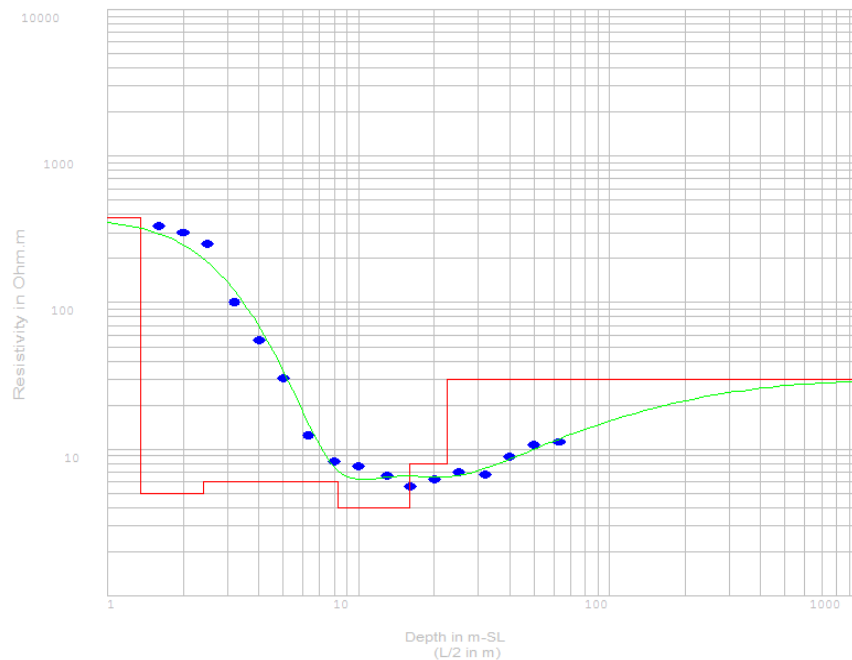
Depth [m]	resistivity [Ohm.m]
1.60	44.00
2.00	43.50
2.50	37.00
3.20	35.30
4.00	36.90
5.00	35.80
6.30	31.70
8.00	29.90
10.00	29.80
13.00	26.90
16.00	25.00
20.00	21.43
25.00	18.05
32.00	13.90
40.00	12.01
50.00	12.94
63.00	13.78

Figure AI – A30: Interpreted Graph for RADAT2-3VES 5

RADAT2-3VES6

Measurement :

RAD11VS17



Coordinates : (823280 , 30497)
Surface level: 425.00 m+Ref.level

Geo-electrical model

Bottom Layer	Resistivity
m - SL	Ohm.m
1.35	380
2.41	5
8.27	6
15.97	4
22.46	8
End resistivity :	30

SSD on log-scale : .07150
Date (y-m-d) : 2014-5 -7

Reference Level: 1000m asl

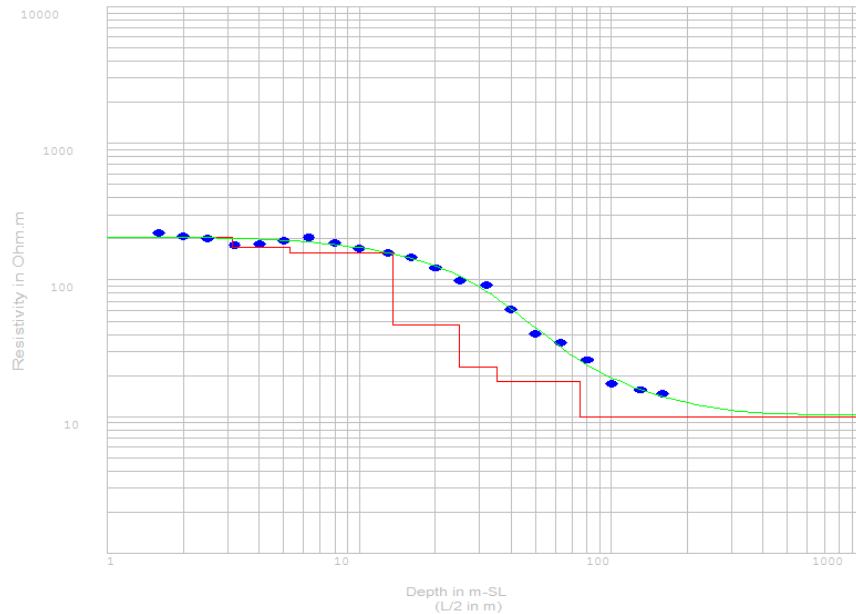
Depth [m]	resistivity [Ohm.m]
1.60	331.80
2.00	301.20
2.50	250.90
3.20	100.60
4.00	55.50
5.00	30.70
6.30	12.50
8.00	8.30
10.00	7.60
13.00	6.60
16.00	5.60
20.00	6.25
25.00	6.98
32.00	6.74
40.00	8.93
50.00	10.78
63.00	11.24

Figure AI – A31: Interpreted Graph for RADAT2-3VES 6

RADAT2-CVES27

Measurement :

PERK1VES27



Coordinates : (823414 , 30439)
Surface level: 479.00 m+Ref.level

Geo-electrical model		
Bottom Layer	Resistivity	
m - SL	Ohm.m	
3.14	206	
5.30	175	
13.65	157	
25.06	47	
35.23	23	
74.82	18	

End resistivity : 10

SSD on log-scale : .01665

Date (y-m-d) : 2014-5 -9

Reference Level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	219.83
2.00	210.89
2.50	202.08
3.20	180.48
4.00	183.73
5.00	192.87
6.30	203.95
8.00	188.13
10.00	171.43
13.00	158.24
16.00	145.64
20.00	122.91
25.00	98.52
32.00	92.29
40.00	61.20
50.00	40.41
63.00	34.67
80.00	26.05
100.00	17.37
130.00	15.72
160.00	14.75

Figure A-I – A32: Interpreted Graph for RADAT2-CVES 26

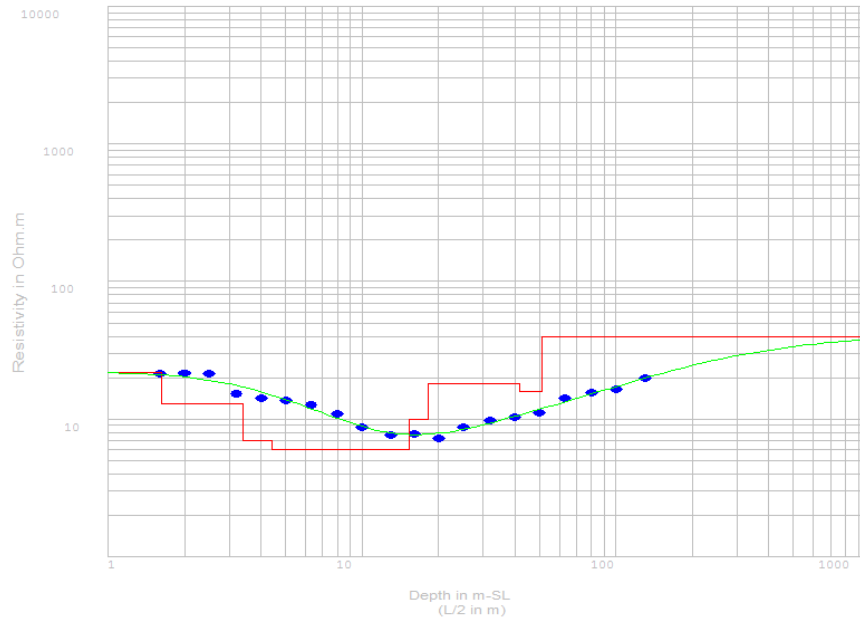
VES on Dam Site 3 (Figures AI – A33 – A49)

HERP Line - 1

RADAT3-1VES 1

Measurement :

RAD3-1VES1



Coordinates : (821970 , 29976)
Surface level: 450.00 m+Ref.level

Geo-electrical model

Bottom Layer	Resistivity
m - SL	Ohm.m
1.62	22
3.40	13
4.44	7
15.29	6
18.18	10
41.96	18
51.24	16
End resistivity :	40

SSD on log-scale : .01407

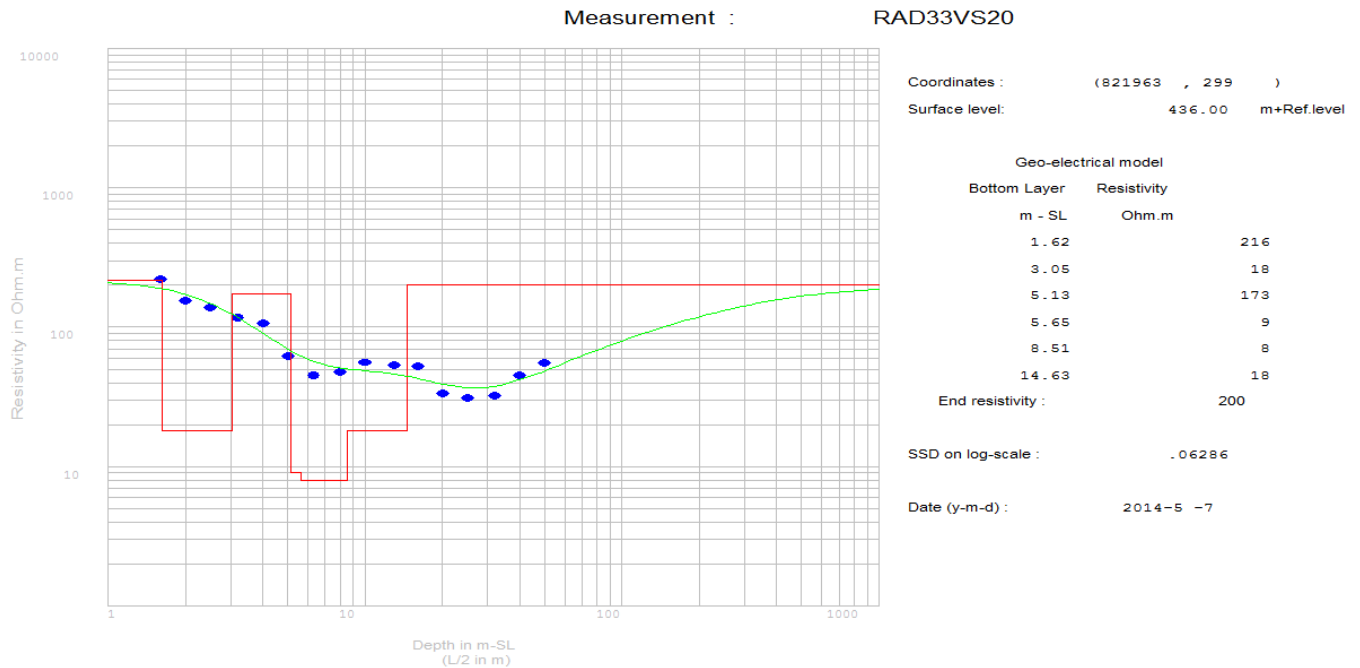
Date (y-m-d) : 2014-6 -3

Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	21.50
2.00	21.60
2.50	21.30
3.20	15.30
4.00	14.30
5.00	13.60
6.30	12.70
8.00	10.90
10.00	8.70
13.00	7.60
16.00	7.80
20.00	7.30
25.00	8.73
32.00	9.70
40.00	10.40
50.00	11.17
63.00	14.26
80.00	15.52
100.00	16.61
130.00	19.94

Figure A-I – A33: Interpreted Graph for RADAT3-1VES 1

RADAT3- 1VES 2

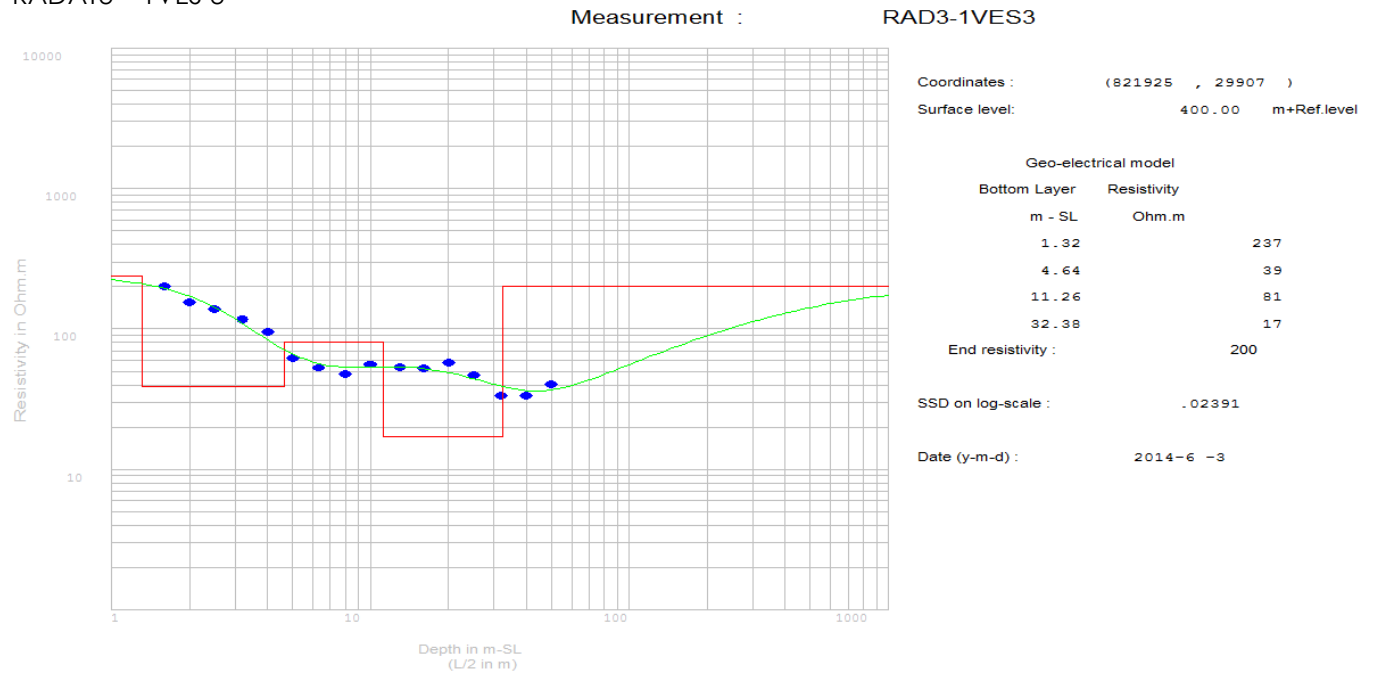


Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	16.90
2.00	16.10
2.50	16.40
3.20	14.60
4.00	16.20
5.00	14.40
6.30	12.60
8.00	12.80
10.00	11.90
13.00	12.60
16.00	12.00
20.00	11.83
25.00	14.34
32.00	15.14
40.00	13.16
50.00	10.69
63.00	9.46

Figure A-I – A34: Interpreted Graph for RADAT3-1VES 2

RADAT3 – 1VES 3

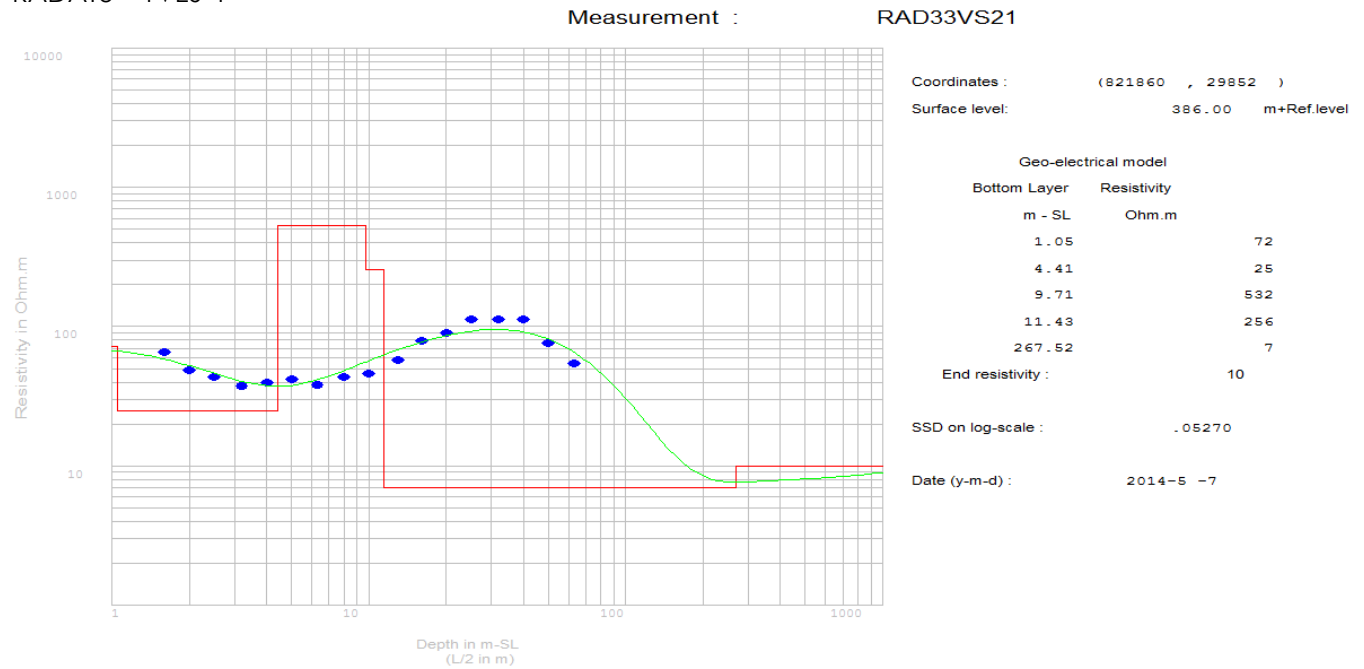


Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	200.60
2.00	154.30
2.50	137.80
3.20	117.00
4.00	95.50
5.00	61.70
6.30	53.00
8.00	47.80
10.00	56.00
13.00	53.90
16.00	52.40
20.00	57.23
25.00	46.86
32.00	33.53
40.00	33.42
50.00	40.64

Figure A-I – A35: Interpreted Graph for RADAT3-1VES 3

RADAT3 – 1VES 4

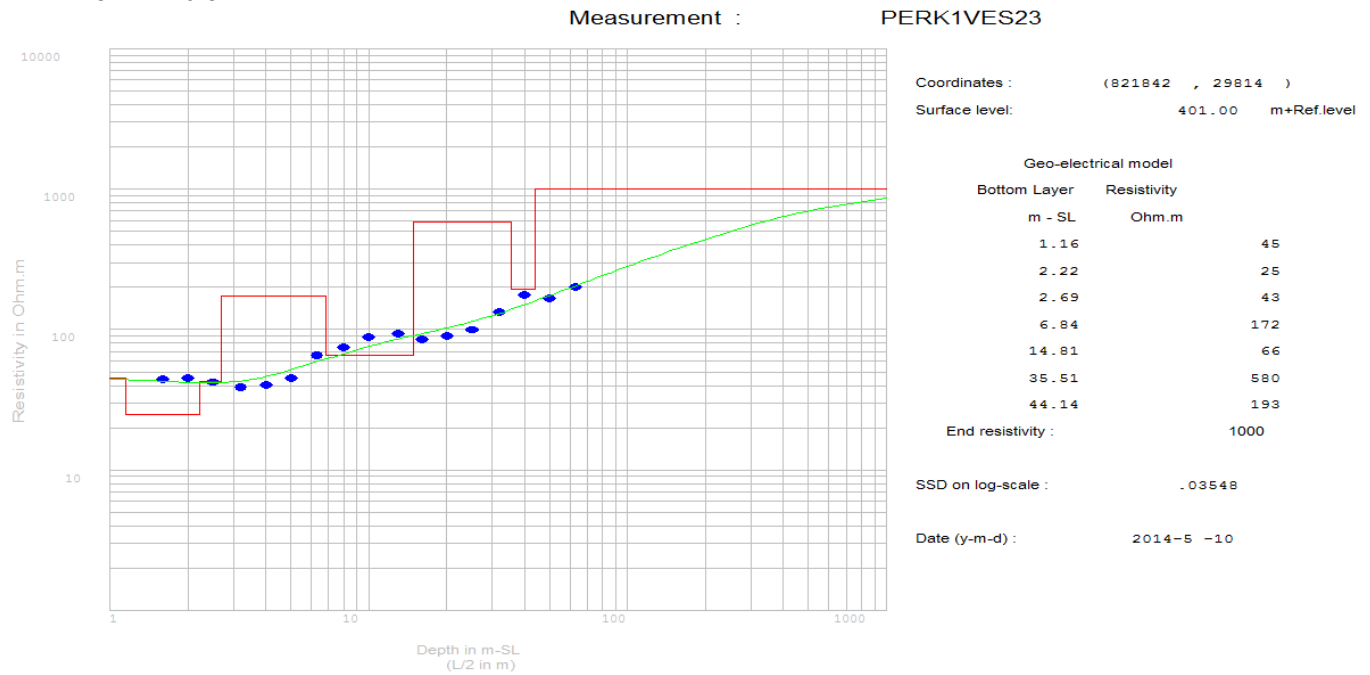


Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	65.50
2.00	48.70
2.50	43.20
3.20	37.20
4.00	39.80
5.00	41.80
6.30	38.30
8.00	43.90
10.00	45.90
13.00	58.10
16.00	79.10
20.00	89.56
25.00	112.98
32.00	112.20
40.00	113.61
50.00	75.78
63.00	54.41

Figure A-I – A36: Interpreted Graph for RADAT3-1VES 4

RADAT3 – 1VES 5

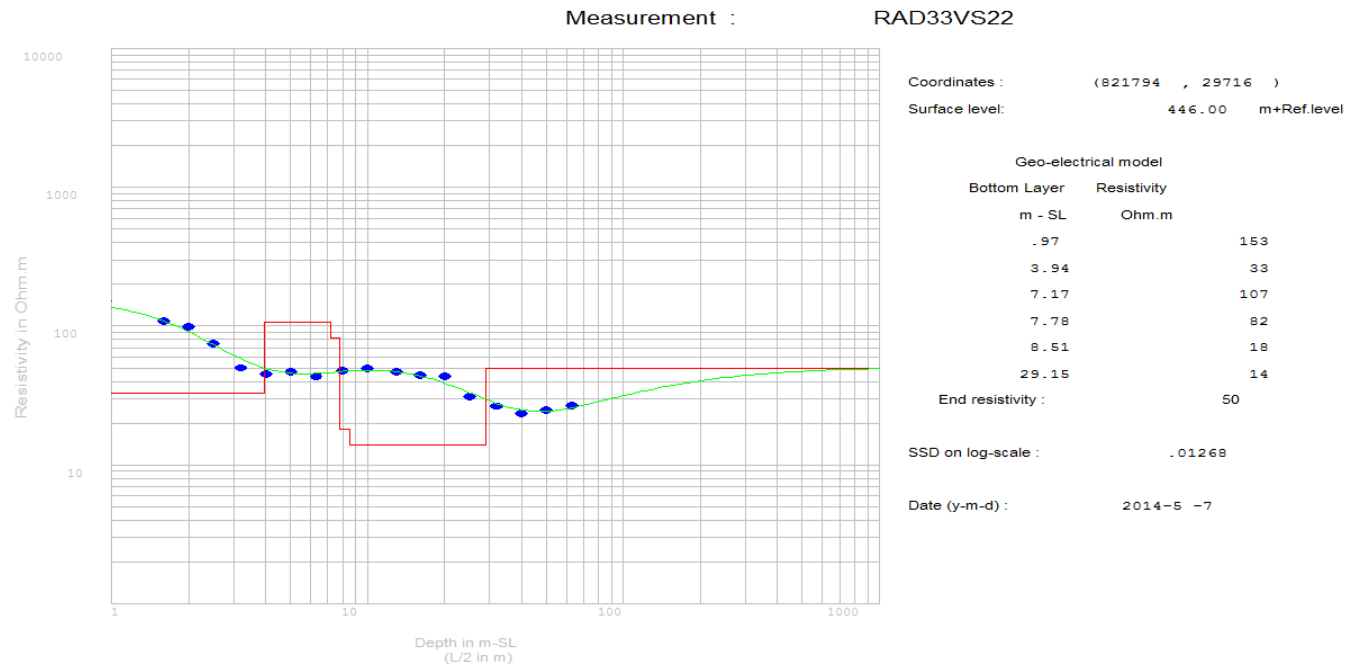


Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	44.33
2.00	45.03
2.50	42.32
3.20	38.81
4.00	40.28
5.00	45.00
6.30	65.89
8.00	75.40
10.00	88.42
13.00	94.25
16.00	85.33
20.00	90.49
25.00	100.04
32.00	134.06
40.00	178.18
50.00	167.08
63.00	200.14

Figure A-I – A37: Interpreted Graph for RADAT3-1VES 5

RADAT3 – 1VES 6



Reference level: 1000m asl

Depth [m]	resistivity.[Ohm.m]
1.60	109.50
2.00	99.20
2.50	74.90
3.20	50.10
4.00	45.50
5.00	46.80
6.30	43.30
8.00	48.10
10.00	49.80
13.00	47.00
16.00	44.10
20.00	43.66
25.00	31.32
32.00	26.55
40.00	23.55
50.00	24.83
63.00	26.72

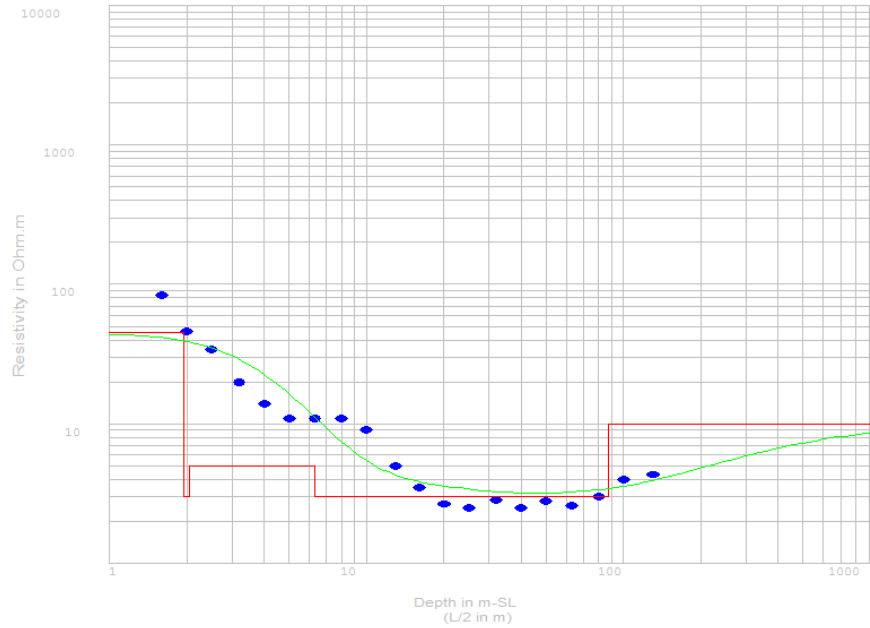
Figure A-I – A38: Interpreted Graph for RADAT3-1VES 6

HERP Line - 2

RADAT3-2VES 1

Measurement :

RAD3VES21



Coordinates : (822019 , 29953)
Surface level: 443.00 m+Ref.level

Geo-electrical model		
Bottom Layer	Resistivity	
m - SL	Ohm.m	
1.95		45
2.05		3
6.18		5
6.28		5
87.52		3

End resistivity : 10

SSD on log-scale : .35103

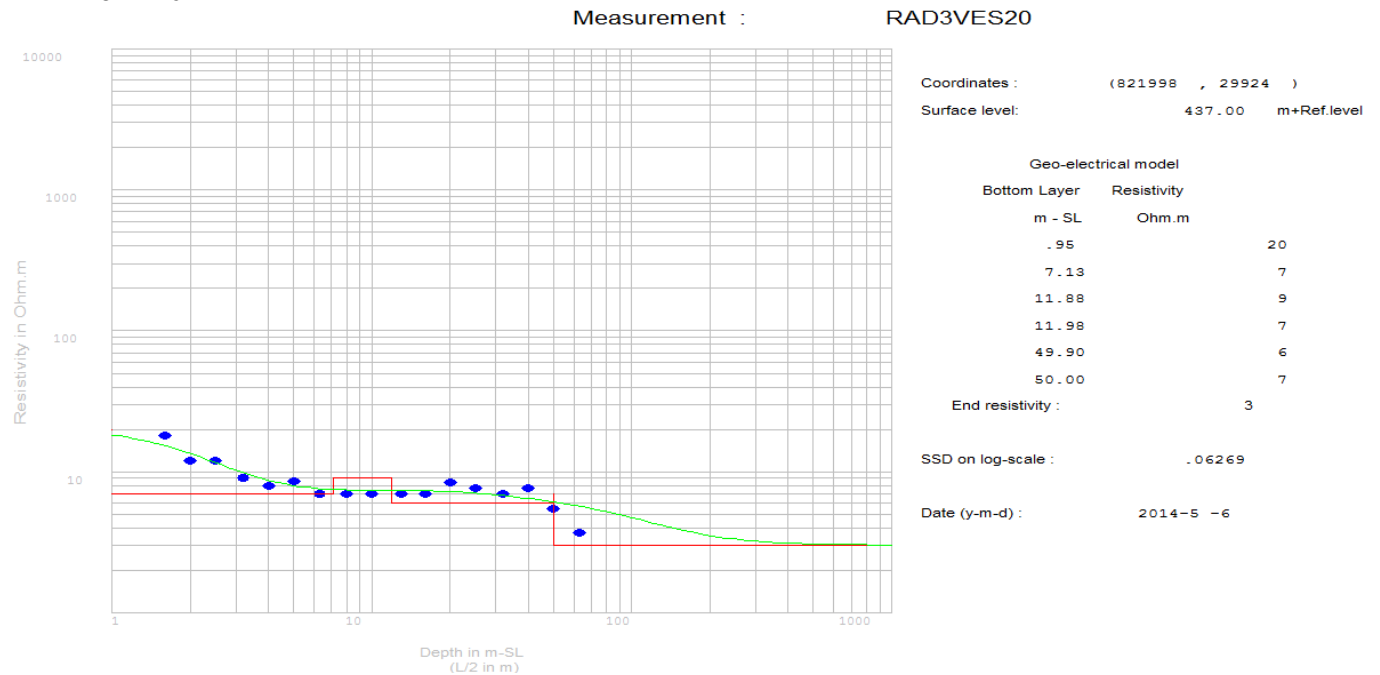
Date (y-m-d) : 2014-5 -6

Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	84.00
2.00	46.00
2.50	34.00
3.20	20.00
4.00	14.00
5.00	11.00
6.30	11.00
8.00	11.00
10.00	9.00
13.00	5.00
16.00	3.50
20.00	2.67
25.00	2.50
32.00	2.83
40.00	2.50
50.00	2.80
63.00	2.60
80.00	3.00
100.00	4.00
130.00	4.33

Figure A-I – A39: Interpreted Graph for RADAT3-2VES 1

RADAT3-2VES 2

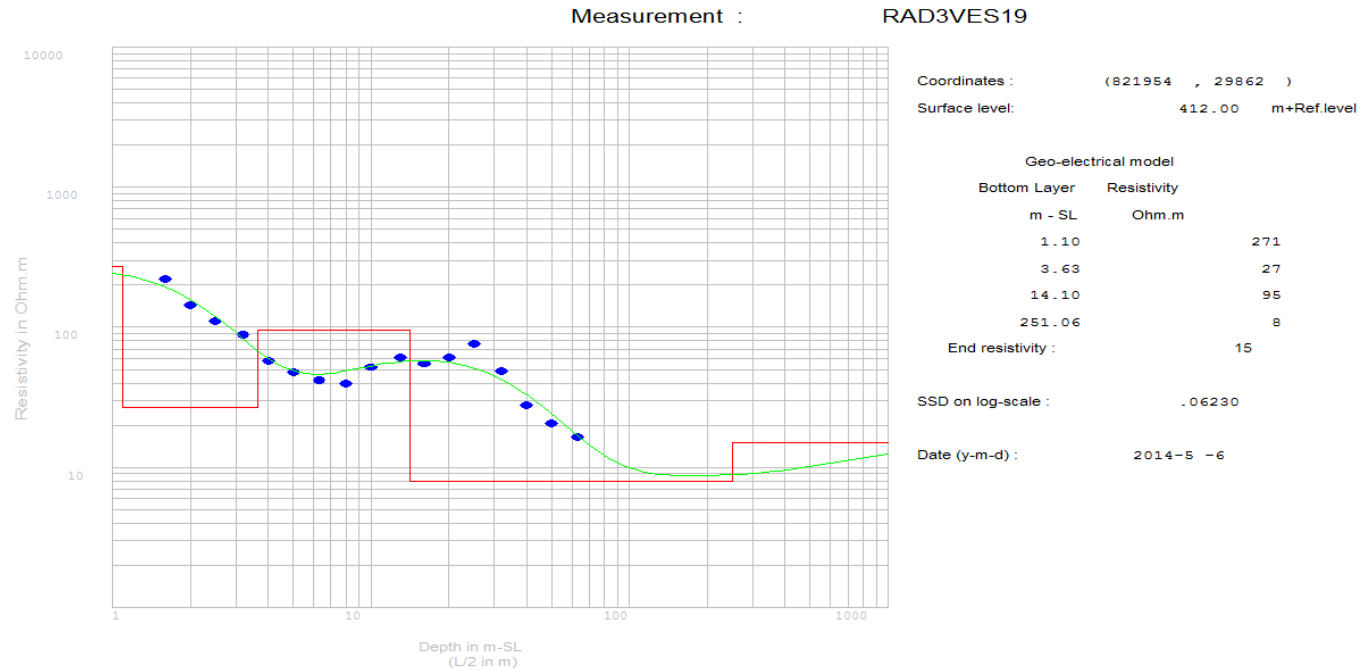


Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	18.00
2.00	12.00
2.50	12.00
3.20	9.00
4.00	8.00
5.00	8.50
6.30	7.00
8.00	7.00
10.00	7.00
13.00	7.00
16.00	7.00
20.00	8.40
25.00	7.70
32.00	7.00
40.00	7.70
50.00	5.50
63.00	3.73

Figure A-I – A40: Interpreted Graph for RADAT3-2VES 2

RADAT3-2VES 3

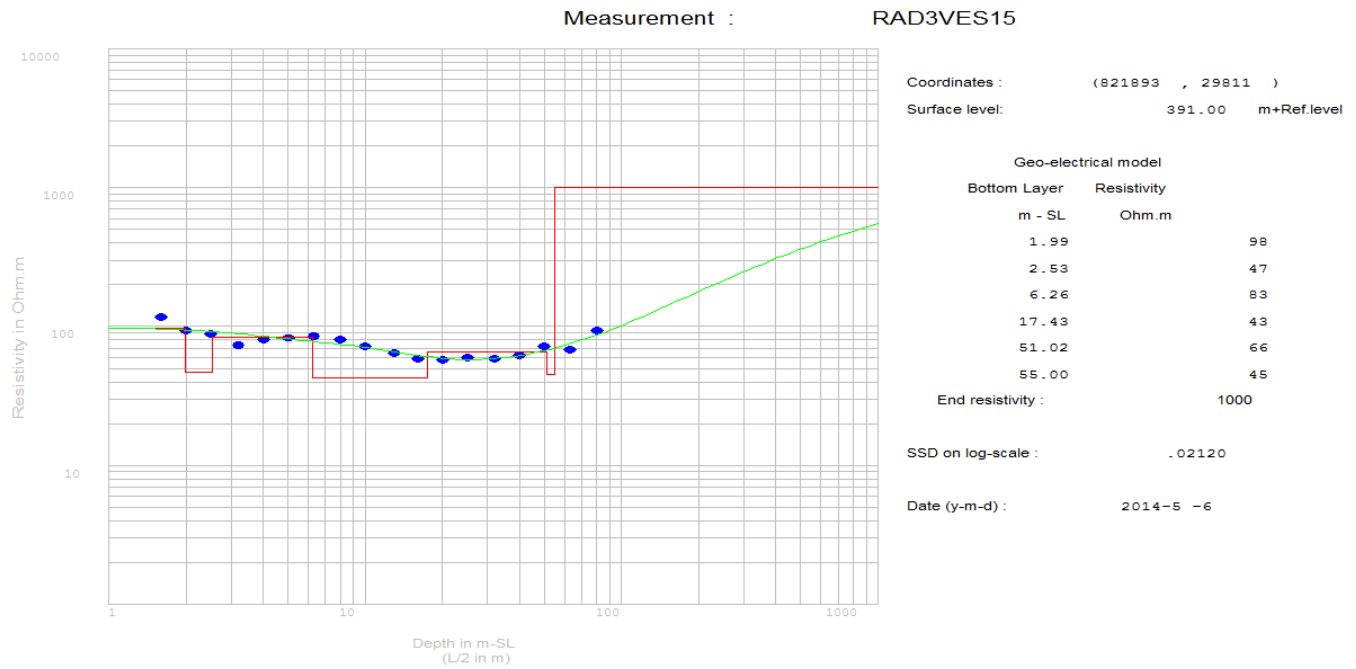


Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	220.00
2.00	144.00
2.50	110.00
3.20	88.00
4.00	58.00
5.00	48.00
6.30	42.00
8.00	40.00
10.00	52.00
13.00	61.00
16.00	55.00
20.00	60.59
25.00	75.82
32.00	48.86
40.00	27.59
50.00	20.64
63.00	16.61

Figure A-I – A41: Interpreted Graph for RADAT3-2VES 3

RADAT 3-2VES4

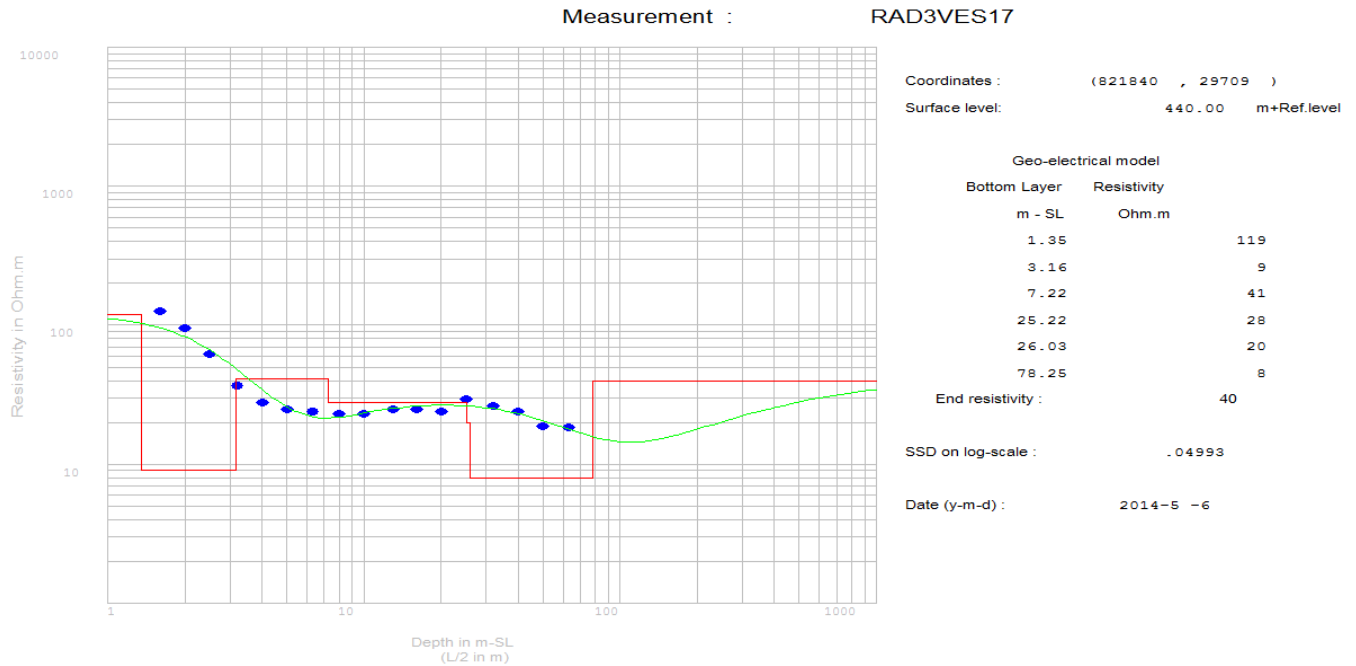


Reference Level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	117.00
2.00	93.00
2.50	89.00
3.20	74.00
4.00	80.00
5.00	83.00
6.30	85.00
8.00	80.00
10.00	72.00
13.00	64.00
16.00	59.00
20.00	57.96
25.00	60.04
32.00	59.00
40.00	62.11
50.00	72.43
63.00	68.64
80.00	93.16

Figure A-I – A42: Interpreted Graph for RADAT3-2VES 4

RADAT3-2VES 5

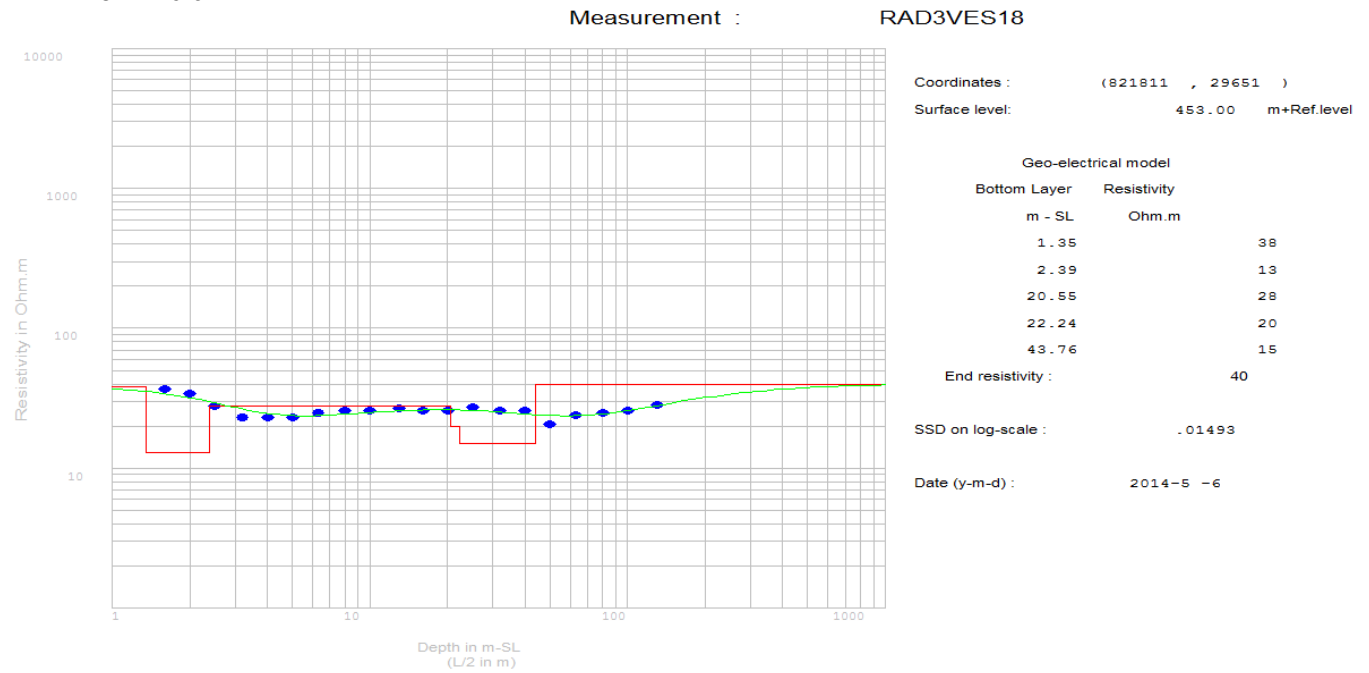


Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	127.00
2.00	95.00
2.50	62.00
3.20	37.00
4.00	28.00
5.00	25.00
6.30	24.00
8.00	23.00
10.00	23.00
13.00	25.00
16.00	25.00
20.00	23.91
25.00	29.35
32.00	26.09
40.00	23.91
50.00	18.94
63.00	18.33

Figure A-I – A43: Interpreted Graph for RADAT3-2VES 5

RADAT3-2VES 6



Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	37.00
2.00	34.00
2.50	28.00
3.20	23.00
4.00	23.00
5.00	23.00
6.30	25.00
8.00	26.00
10.00	26.00
13.00	27.00
16.00	26.00
20.00	26.00
25.00	27.08
32.00	26.00
40.00	26.00
50.00	20.58
63.00	23.83
80.00	24.92
100.00	26.00
130.00	28.17

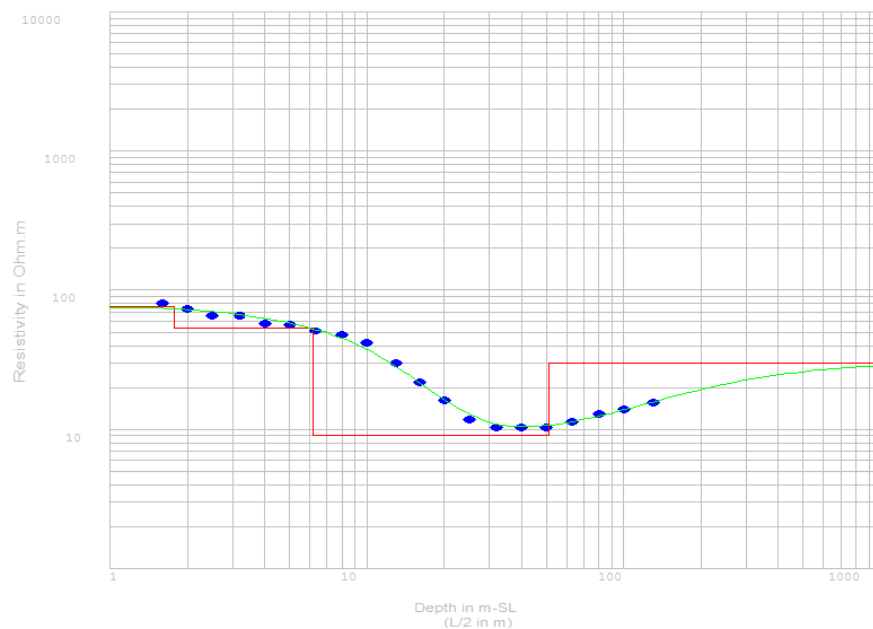
Figure A-I – A44: Interpreted Graph for RADAT3-2VES 6

HERP Line – 3

RADAT3-3VES 1

Measurement :

RAD3VES22



Coordinates : (821882 , 30047)
Surface level: 464.00 m+Ref.level

Geo-electrical model		
Bottom Layer	Resistivity	
m - SL	Ohm.m	
1.78	76	
6.20	53	
22.50	9	
51.07	9	
End resistivity :	30	

SSD on log-scale : .01102

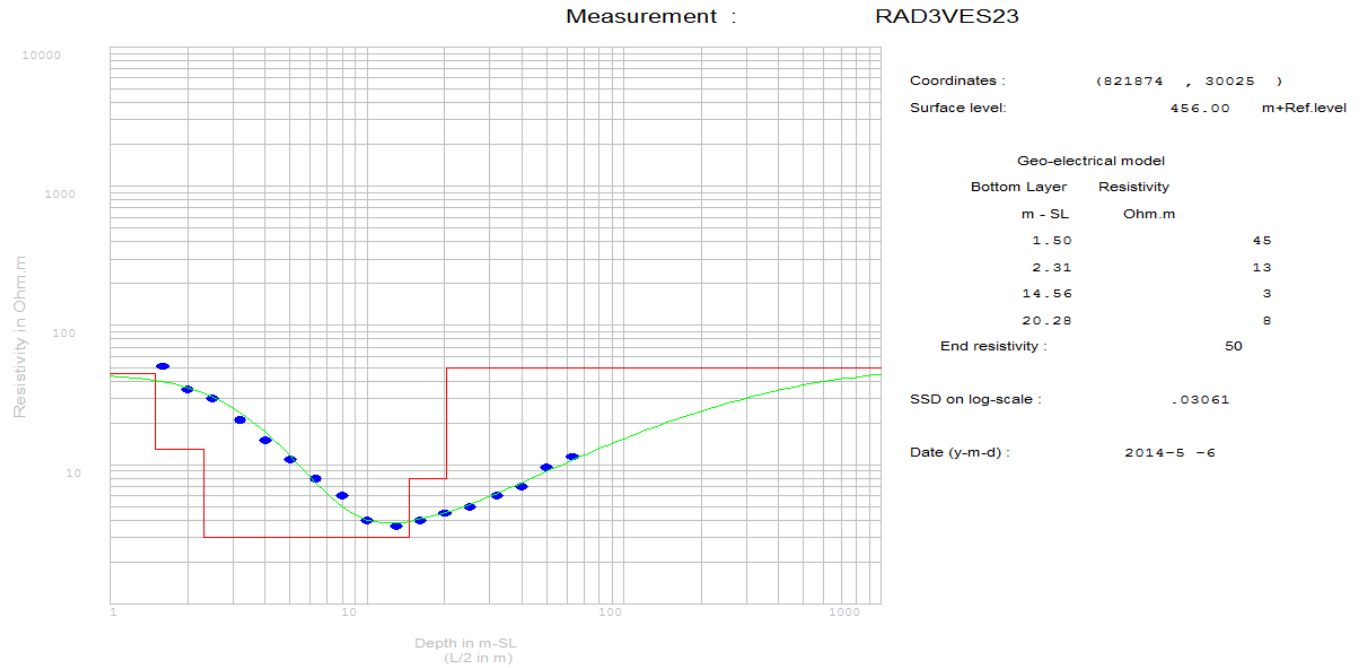
Date (y-m-d) : 2014-5 -6

Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	81.00
2.00	74.00
2.50	66.00
3.20	66.00
4.00	58.00
5.00	57.00
6.30	51.00
8.00	48.00
10.00	42.00
13.00	30.00
16.00	22.00
20.00	16.13
25.00	11.73
32.00	10.27
40.00	10.27
50.00	10.27
63.00	11.35
80.00	12.97
100.00	14.05
130.00	15.67

Figure A-I – A45: Interpreted Graph for RADAT3-3VES 1

RADAT3-3VES 2

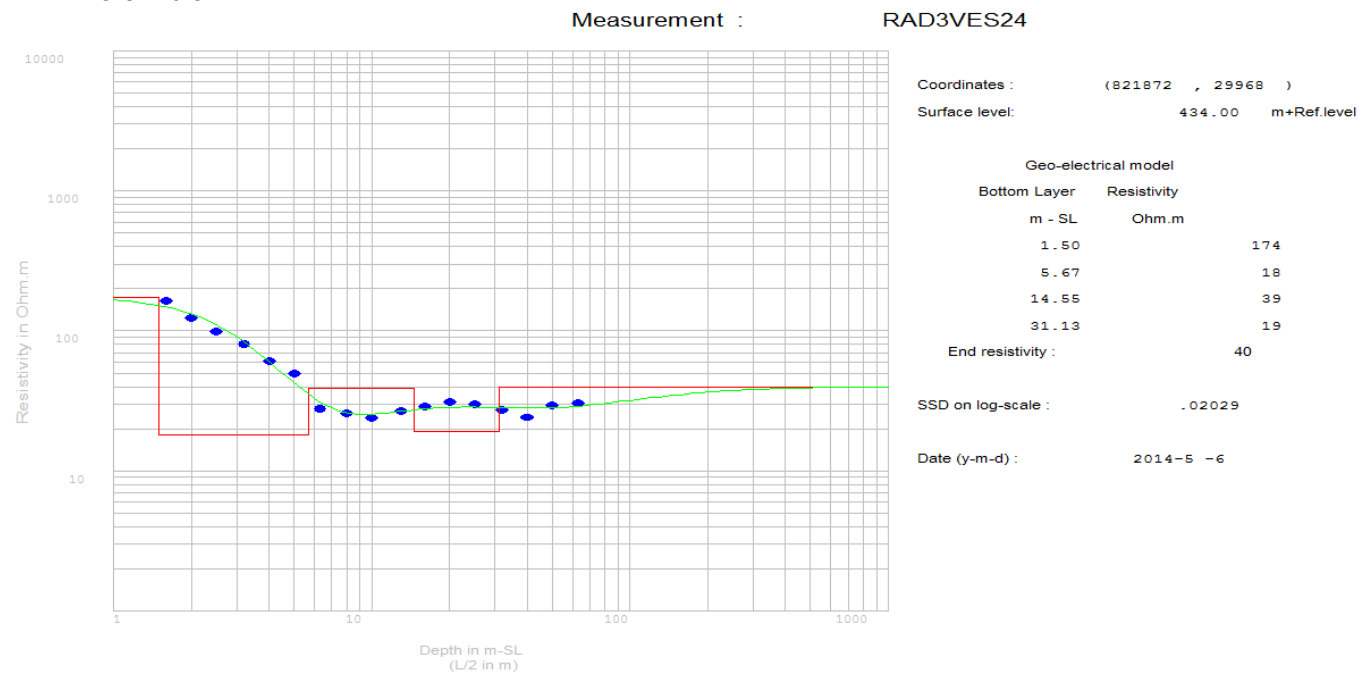


Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	51.00
2.00	35.00
2.50	30.00
3.20	21.00
4.00	15.00
5.00	11.00
6.30	8.00
8.00	6.00
10.00	4.00
13.00	3.60
16.00	4.00
20.00	4.50
25.00	5.00
32.00	6.00
40.00	7.00
50.00	9.55
63.00	11.45

Figure A-I – A46: Interpreted Graph for RADAT3-3VES 2

RADAT3-3VES 3

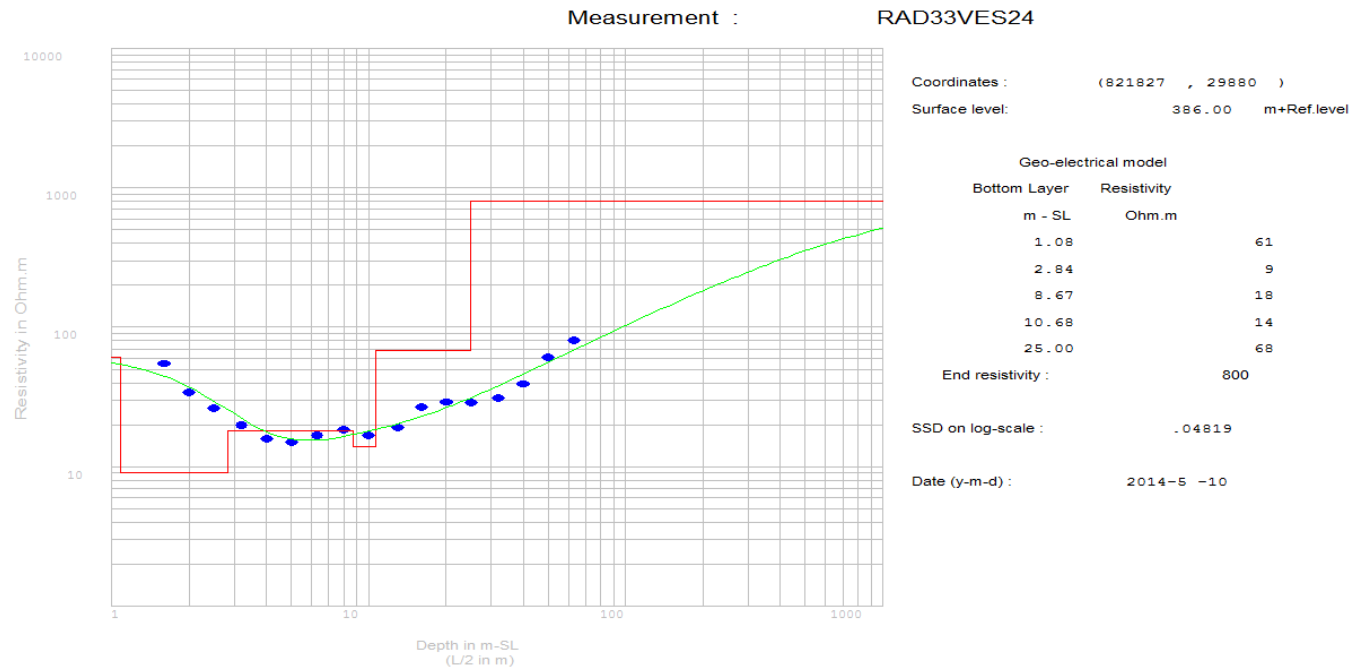


Reference level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	165.00
2.00	125.00
2.50	99.00
3.20	81.00
4.00	61.00
5.00	50.00
6.30	28.00
8.00	26.00
10.00	24.00
13.00	27.00
16.00	29.00
20.00	30.93
25.00	29.97
32.00	27.07
40.00	24.17
50.00	29.42
63.00	30.47

Figure A-I – A47: Interpreted Graph for RADAT3-3VES 3

RADAT3-3VES4

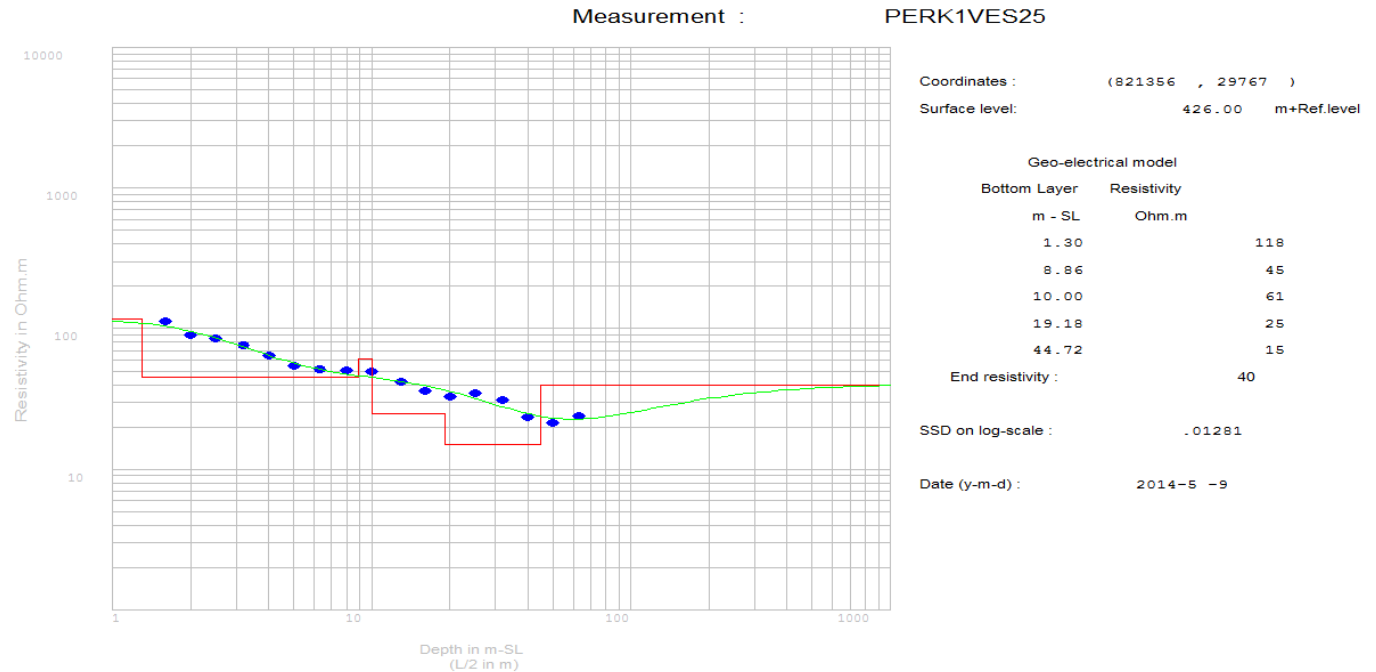


Reference Level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	55.00
2.00	33.96
2.50	26.50
3.20	20.00
4.00	16.00
5.00	15.00
6.30	16.74
8.00	18.32
10.00	16.79
13.00	19.00
16.00	27.00
20.00	29.14
25.00	28.98
32.00	31.13
40.00	39.28
50.00	60.50
63.00	80.50

Figure A-I – A48: Interpreted Graph for RADAT3-3VES 4

RADAT3-3 VES 5



Reference Level: 1000m asl

Depth [m]	resistivity [Ohm.m]
1.60	112.29
2.00	90.23
2.50	85.31
3.20	76.37
4.00	64.06
5.00	54.56
6.30	51.65
8.00	50.41
10.00	49.24
13.00	41.78
16.00	36.43
20.00	32.64
25.00	34.55
32.00	31.02
40.00	23.37
50.00	21.53
63.00	23.88

Figure A-I – A49: Interpreted Graph for RADAT3-3VES 5