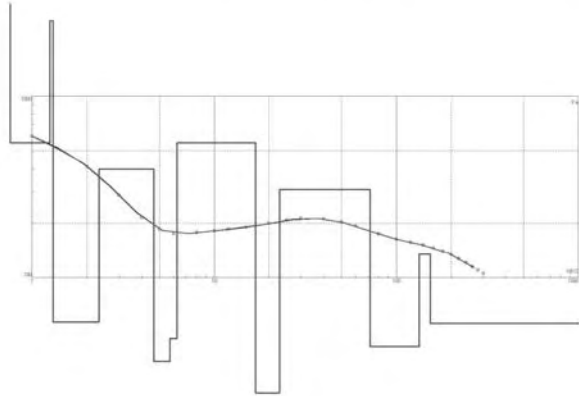


## **Appendix 14.2 Results of VES Survey**

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : Gesikan, Merdikorejo, Tempel, Sleman-01**

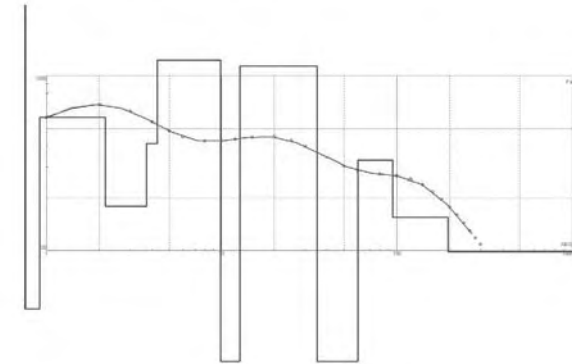


**INTERPRETATION : SLEMAN – 01**

No	DEPTH OF LAYER (meter)	RESISTIVITY ( Ohm-meter )	LITOLOGY
1	0 – 0,2	3228	Soil
2	0,2 – 1,2	553	Volcanic breccia with andesite fragments
3	1,2 – 1,3	260	Volcanic breccia with andesite fragments
4	1,3 – 2,3	57	Coarse Sandstone
5	2,3 – 4,6	396	Volcanic breccia with andesite fragments
6	4,6 – 5,7	35	Volcanic Sandstone
7	5,7 – 6,2	46	Volcanic Sandstone
8	6,2 – 16,8	553	Volcanic breccia with andesite fragments
9	16,8 – 22,8	22	Volcanic Sandstone
10	22,8 – 71,6	307	Volcanic breccia with andesite fragments
11	71,6 – 133	42	Volcanic Sandstone
12	133 – 155	134	Sandy breccia
13	> 155	55,9	Volcanic Sandstone

Sleman No.1

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : Kemirikebo, Girikerto, Sleman-02**

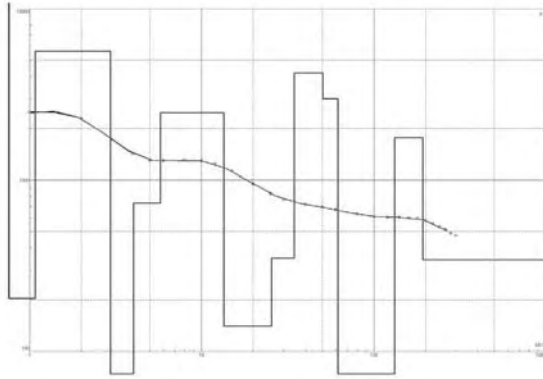


**INTERPRETATION : SLEMAN – 02**

No	DEPTH OF LAYER (meter)	RESISTIVITY ( Ohm-meter )	LITOLOGY
1	0 0,2	232	Soil
2	0,2 0,7	2524	Lava andesite
3	0,7 0,9	46,5	Volcanic Sandstone
4	0,9 2,1	582	Volcanic breccia with andesite fragments
5	2,1 3,7	179	Sandy breccia
6	3,7 4,3	411	Volcanic breccia with andesite fragments
7	4,3 9,9	1233	Andesite Lava
8	9,9 12,7	20	Volcanic Sandstone
9	12,7 35,2	1138	Andesite Lava
10	35,2 41	2,1	Tuff
11	41 59	22	Volcanic Sandstone
12	59 94	327	Volcanic breccia with andesite fragments
13	94 - 190	155	Sandy breccia
	> 190	98	Coarse Sand

Sleman No.2

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : Ngandong, Girikerto, Turi, Sleman-03**

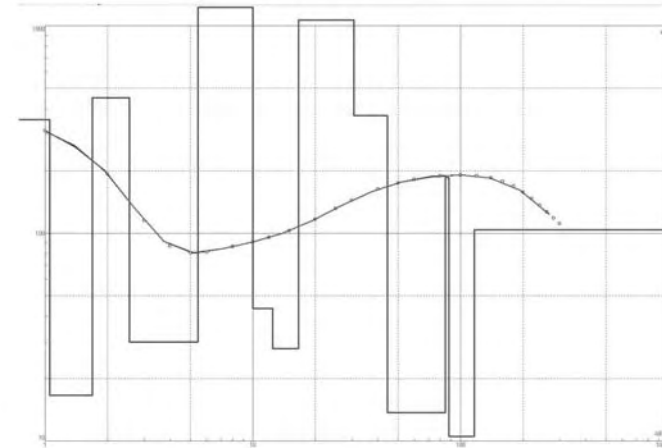


**INTERPRETATION : SLEMAN - 03**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITOLOGY
1	0 0,2	996	Soil
2	0,2 0,5	10785	Compact and massive Lava
3	0,5 1,1	204	Volcanic breccia with andesite fragments
4	1,1 2,9	5621	Compact and massive Lava
5	2,9 4	53	Coarse Sandstone
6	4 5,7	731	Volcanic breccia with andesite fragments
7	5,7 13,5	2478	Andesite lava
8	13,5 25,3	140	Sandy breccia
9	25,3 34,3	349	Volcanic breccia with andesite fragments
10	34,3 50,3	4201	Compact and massive Lava
11	50,3 61	2986	Lava andesite
12	61 131	9,5	Tuff
13	131 192	1762	Andesite lava
14	> 192	366	Volcanic breccia with andesite fragments

Sleman No.3

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : Ledoknongko, Bangunkerto, Sleman-04**

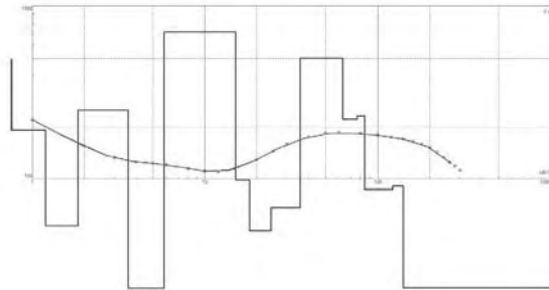


**INTERPRETATION : SLEMAN - 04**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITOLOGY
1	0 - 1	352	Soil
2	1 - 1,7	16	Sandy tuff
3	1,7 - 2,5	450	Volcanic breccia with andesite fragments
4	2,5 - 5,4	30	Sandy tuff
5	5,4 - 9,9	1285	Andesite lava
6	9,9 - 12,4	43	Volcanic Sand
7	12,4 - 16,6	27,8	Volcanic Sand
8	16,6 - 30,1	1063	Andesite lava
9	30,1 - 44,4	370	Volcanic breccia with andesite fragments
10	44,4 - 84,6	13,7	Sandy tuff
11	84,6 - 88,1	186	Sandy breccia
12	88,1 - 116	10	Sandy tuff
13	> 116	104	Sandy breccia

Sleman No.4

**RESISTIVITY VERSUS DEPTH CURVES**  
Location : Gading, Donokerto, Turi, Sleman-05

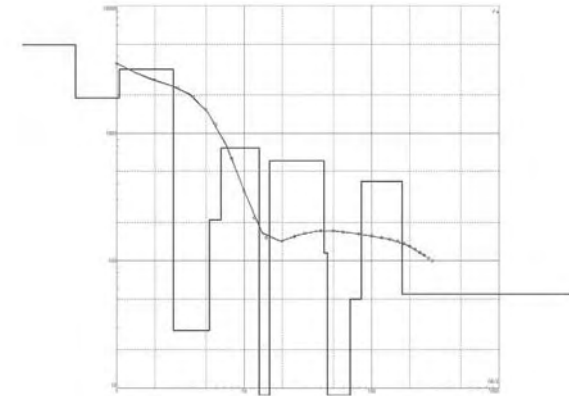


**INTERPRETATION : SLEMAN - 05**

No	DEPTH OF LAYER (meter)	RESISTIVITY ( Ohm-meter)	LITOLOGY
1	0 0,2	497	Soil
2	0,2 1,2	195	Sandy breccia
3	1,2 1,8	53	Coarse sand
4	1,8 3,6	255	Volcanic breccia with andesite fragments
5	3,6 5,8	23,4	Volcanic sandstone
6	5,8 15,4	709	Volcanic breccia with andesite fragments
7	15,4 19,1	98	Coarse sand
8	19,1 24,5	50	Coarse sand
9	24,5 35,5	68	Coarse sand
10	35,5 63,4	503	Volcanic breccia with andesite fragments
11	63,4 76,4	222	Volcanic breccia with andesite fragments
12	76,4 84	231	Volcanic breccia with andesite fragments
13	84 122	85,2	Coarse sand
14	122 - 147	91	Coarse sand
15	> 147	38	Volcanic sandstone

Sleman No.5

**RESISTIVITY VERSUS DEPTH CURVES**  
Location : Bayeman, Bangunkerto, Turi, Sleman-06

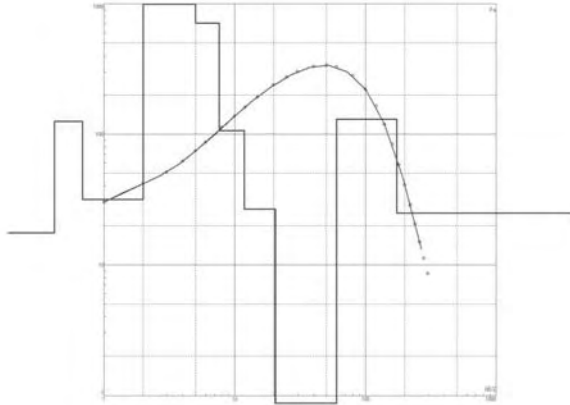


**INTERPRETATION : SLEMAN - 06**

No	DEPTH OF LAYER (meter)	RESISTIVITY ( Ohm-meter)	LITOLOGY
1	0 0,5	4970	Soil
2	0,5 1	1892	Andesite lava
3	1 2,7	3179	Compact and massive Lava
4	2,7 5,3	28	Volcanic sandstone
5	5,3 6,6	208	Volcanic breccia with andesite fragments
6	6,6 13,1	766	Volcanic breccia with andesite fragments
7	13,1 15,8	8,5	Tuff
8	15,8 42,4	605	Volcanic breccia with andesite fragments
9	42,4 45	115	Sandy breccia
10	45 67,8	5,8	Tuff
11	67,8 82,7	50	Volcanic sandstone
12	82,7 173	414	Volcanic breccia with andesite fragments
13	> 173	54	Coarse sand

Sleman No.6

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Beneran, Purwobinangun, Pakem, Sleman-07

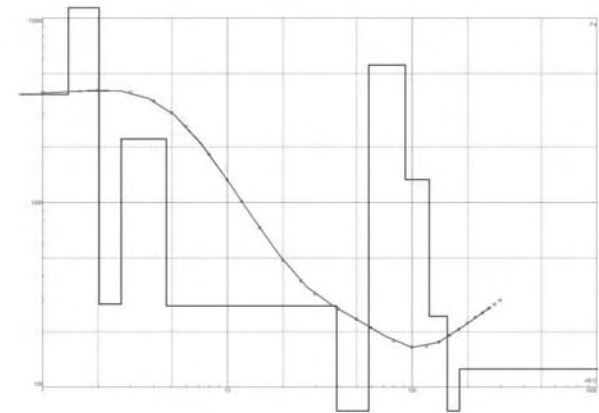


**INTERPRETATION : SLEMAN - 07**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITOLOGY
1	0 - 0,4	17,6	Soil
2	0,4 - 0,7	125	Sandy breccia
3	0,7 - 2	31,5	Andesite lava
4	2 - 5	5591	Compact and massive Lava
5	5 - 7,6	713	Volcanic breccia with andesite fragments
6	7,6 - 11,9	106	Sandy breccia
7	11,9 - 20,4	27	Volcanic sandstone
8	20,4 - 60	0,8	Tuff
9	60 - 173	130	Sandy breccia
10	> 173	25	Volcanic sandstone

Sleman No.7

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Cemoroharjo, Candibinangun, Pakem, Sleman-08

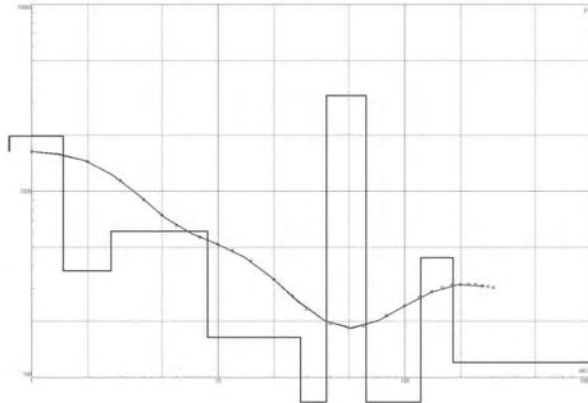


**INTERPRETATION : SLEMAN - 08**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITOLOGY
1	0 - 1,37	3867	Soil
2	1,37 - 2	9856	Compact and massive Lava
3	2 - 2,7	282	Volcanic breccia with andesite fragments
4	2,7 - 4,7	2209	Andesite lava
5	4,7 - 39	275	Volcanic breccia with andesite fragments
6	39 - 42	40,4	Volcanic sandstone
7	42 - 58,3	28,7	Volcanic sandstone
8	58,3 - 91,8	5557	Compact and massive Lava
9	91,8 - 123	1332	Andesite lava
10	123 - 154	242	Volcanic breccia with andesite fragments
11	154 - 180	36,6	Volcanic sandstone
12	> 180	125	Sandy breccia

Sleman No.8

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Jetisan, Hargobinangun, Pakem, Sleman-09

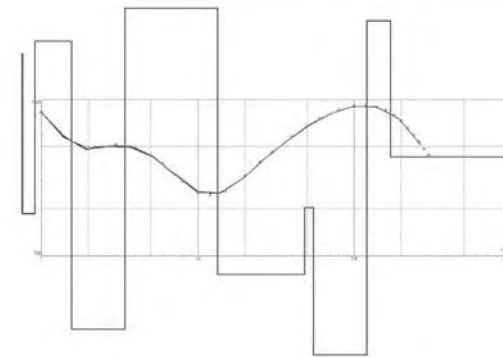


**INTERPRETATION : SLEMAN – 09**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITOLOGY
1	0 – 0,7	1645	Soil
2	0,7 – 1,5	1971	Andesite Lava
3	1,5 – 2,7	373	Volcanic breccia with andesite fragments
4	2,7 – 8,8	610	Volcanic breccia with andesite fragments
5	8,8 – 27,6	164	Sandy breccia
6	27,6 – 37,9	53	Coarse sand
7	37,9 – 62	3254	Andesite Lava
8	62 – 88,6	9	Tuff
9	88,6 – 121	47	Volcanic sandstone
10	121 – 181	439	Volcanic breccia with andesite fragments
11	> 181	120	Sandy breccia

Sleman No.9

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Banteng, Hargobinangun, Pakem, Sleman-10

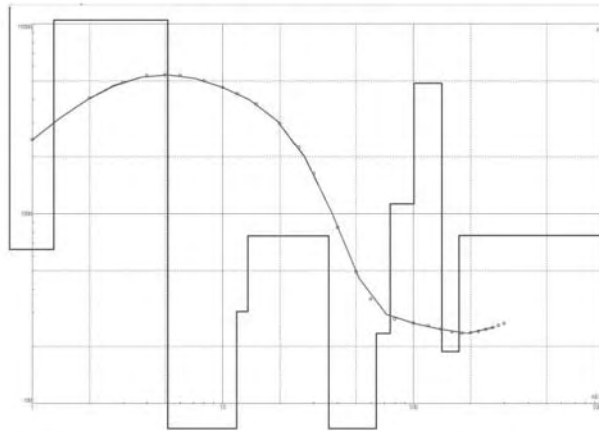


**INTERPRETATION : SLEMAN – 10**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITOLOGY
1	0 0,9	185	Soil
2	0,9 1,5	2361	Andesite Lava
3	1,5 3,4	33,8	Volcanic sandstone
4	3,4 13,3	12171	Compact and massive Lava
5	13,3 48	76	Coarse sand
6	48 54,7	203	Volcanic breccia with andesite fragments
7	54,7 86	10	Tuff
8	86 100	3,4	Tuff
9	100 120	23	Volcanic sandstone
10	120 171	3199	Andesite Lava
11	> 171	426	Volcanic breccia with andesite fragments

Sleman No.10

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : Tanen, Hargobinangun, Pakem, Sleman-11**

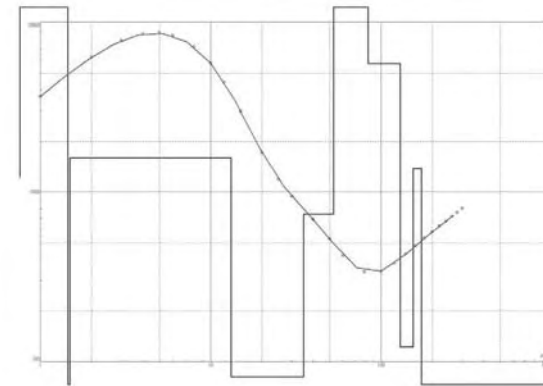


**INTERPRETATION : SLEMAN - 11**

No	DEPTH OF LAYER (meter)	RESISTIVITY ( Ohm-meter)	LITOLOGY
1	0 - 0,5	14751	Soil
2	0,5 - 1,3	647	Volcanic breccia with andesite fragments
3	1,3 - 5,1	10474	Compact and massive Lava
4	5,1 - 8,5	55	Coarse sand
5	8,5 - 11,3	58	Coarse sand
6	11,3 - 11,8	48	Volcanic sandstone
7	11,8 - 13,8	305	Volcanic breccia with andesite fragments
8	13,8 - 35,9	763	Volcanic breccia with andesite fragments
9	35,9 - 63,6	36,5	Volcanic sandstone
10	63,6 - 75,4	233	Volcanic breccia with andesite fragments
11	75,4 - 100,7	1124	Andesite Lava
12	100,7 - 150,9	4878	Compact and massive Lava
13	150,9 - 176	187	Sandy breccia
14	> 176	766	Volcanic breccia with andesite fragments

Sleman No.11

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : Boyong, Hargobinangun, Pakem, Sleman-12**

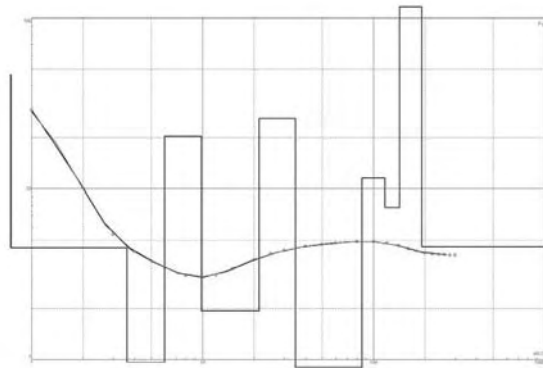


**INTERPRETATION : SLEMAN - 12**

No	DEPTH OF LAYER (meter)	RESISTIVITY ( Ohm-meter)	LITOLOGY
1	0 0,3	1219	Soil
2	0,3 1,4	40931	Compact and massive Lava
3	1,4 1,5	5,7	Tuff
4	1,5 13,2	1595	Andesite Lava
5	13,2 35,2	82	Coarse sand
6	35,2 52,6	741	Volcanic breccia with andesite fragments
7	52,6 84,1	22562	Compact and massive Lava
8	84,1 129	57162	Compact and massive Lava
9	129 154	122	Sandy breccia
10	154 172	1372	Andesite Lava
11	> 172	60	Coarse sand

Sleman No.12

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : Nawung, Gayamharjo, Prambanan, Sleman-13**

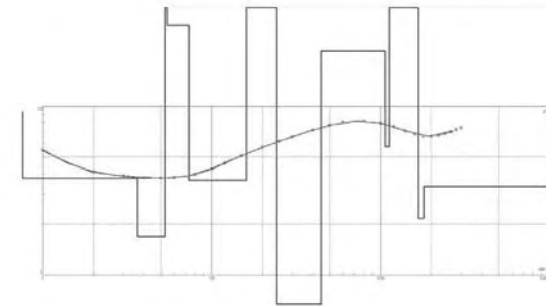


**INTERPRETATION : SLEMAN – 13**

No	DEPTH OF LAYER (meter)	RESISTIVITY ( Ohm-meter )	LITOLOGY
1	0 0,6	46	Soil
2	0,6 3,6	4,5	Clay or tuff
3	3,6 5,9	1	Clay or tuff
4	5,9 9,8	20,3	Sandstone
5	9,8 21,4	2	Clay or tuff
6	21,4 34,9	25	Sandstone
7	34,9 85,3	0,9	Clay or tuff
8	85,3 116	11,5	Sandy Clay
9	116 142	7,78	Clay or tuff
10	142 191	116	Limestone
11	> 191	4,5	Clay or tuff

Sleman No.13

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : Wukirharjo, Prambanan, Sleman-14**



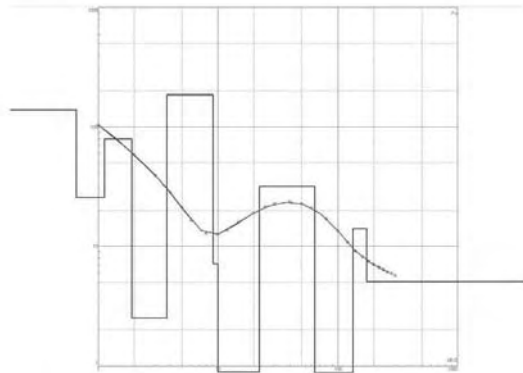
**INTERPRETATION : SLEMAN – 14**

No	DEPTH OF LAYER (meter)	RESISTIVITY ( Ohm-meter )	LITOLOGY
1	0 0,3	9,3	Soil
2	0,3 3,6	3,7	Clay or tuff
3	3,6 5,2	1,5	Clay or tuff
4	5,2 5,5	40	Sandstone
5	5,5 7,5	31	Sandstone
6	7,5 16,6	3,6	Clay or tuff
7	16,6 24,8	61	Sandstone
8	24,8 44,5	1	Clay or tuff
9	44,5 106	21	Sandstone
10	106 112	5,7	Clay or tuff
11	112 166	551	Volcanic Breccia
12	166 182	2,2	Clay or tuff
13	> 182	3,3	Clay or tuff

Sleman No.14



**RESISTIVITY VERSUS DEPTH CURVES**  
Location : Berbah, Watuadek, Sleman-15

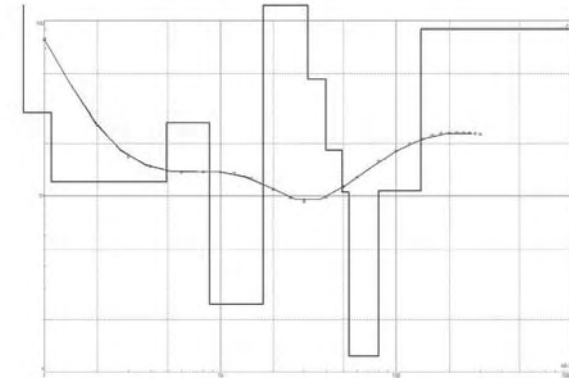


**INTERPRETATION : SLEMAN - 15**

No	DEPTH OF LAYER (meter)	RESISTIVITY (Ohm-meter)	LITOLOGY
1	0 0,6	138	Soil
2	0,6 1,2	25	Sandstone
3	1,2 2	80	Sandy breccia
4	2 3,7	2,5	Claystone
5	3,7 9	186	Sandy breccia
6	9 10	7,1	Claystone
7	10 22	1	Claystone
8	22 64	32	Sandstone
9	64 133	0,4	Claystone
10	133 175	14,1	Clayey sand
11	> 175	5	Claystone

Sleman No.15

**RESISTIVITY VERSUS DEPTH CURVES**  
Location : Klangkapan, Seyegan, Sleman-16

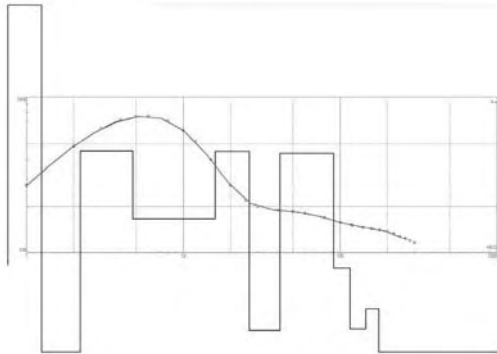


**INTERPRETATION : SLEMAN - 16**

No	DEPTH OF LAYER (meter)	RESISTIVITY (Ohm-meter)	LITOLOGY
1	0 0,3	227	Soil
2	0,3 1,1	30	Sandstone
3	1,1 4,9	12	Claystone
4	4,9 8,6	2,3	Claystone
5	8,6 17,4	2,5	Claystone
6	17,4 30,1	285	Volcanic Breccia
7	30,1 31,3	223	Volcanic Breccia
8	31,3 39,7	46,5	Sandstone
9	39,7 49,1	18,4	Clayey sand
10	49,1 53,9	10,5	Sandy clay
11	53,9 79,4	1,3	Claystone
12	79,4 137	10,7	Sandy Clay
13	> 137	90,1	Sandy breccia

Sleman No.16

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Tegalrejo, Margorejo, Tempel, Sleman-17

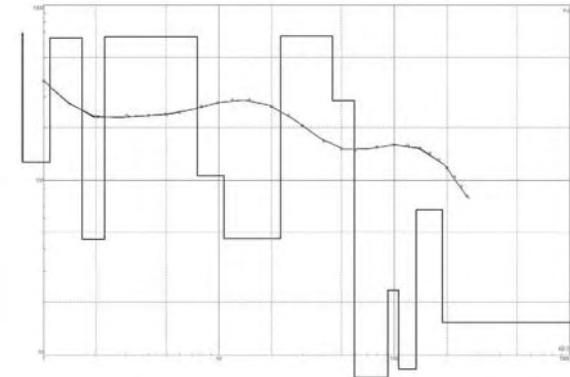


**INTERPRETATION : SLEMAN – 17**

No	DEPTH OF LAYER (meter)	RESISTIVITY (Ohm-meter)	LITOLOGY
1	0 0,3	84	Soil
2	0,3 1,2	4865	Compact and massive Lava
3	1,2 2,2	16,8	Sandy Clay
4	2,2 4,7	449	Volcanic breccia with andesite fragments
5	4,7 16	165	Sandy breccia
6	16 26,4	448	Volcanic breccia with andesite fragments
7	26,4 41,4	32	Volcanic Sandstone
8	41,4 91	435	Volcanic breccia with andesite fragments
9	91 115	80	Coarse sand
10	115 145	32,5	Volcanic Sandstone
11	145 177	43,8	Volcanic Sandstone
12	> 177	2,7	Tuff

Sleman No.17

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Nglebeng, Margorejo, Tempel, Sleman-18

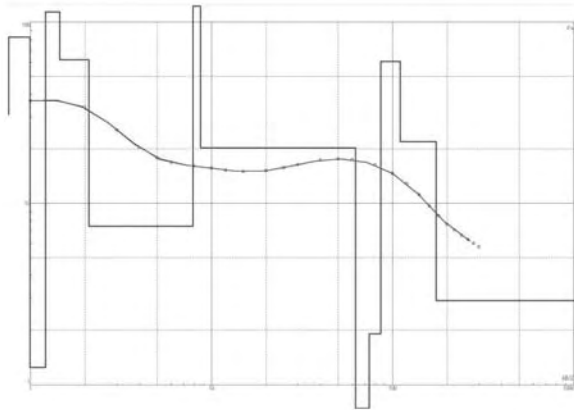


**INTERPRETATION : SLEMAN – 18**

No	DEPTH OF LAYER (meter)	RESISTIVITY (Ohm-meter)	LITOLOGY
1	0 0,4	690	Soil
2	0,4 1,1	126	Sandy breccia
3	1,1 1,6	644	Volcanic breccia with andesite fragments
4	1,6 2,2	45,6	Volcanic Sandstone
5	2,2 7,6	656	Volcanic breccia with andesite fragments
6	7,6 10,7	106	Sandy breccia
7	10,7 22,5	45,9	Volcanic Sandstone
8	22,5 44,5	663	Volcanic breccia with andesite fragments
9	44,5 59,4	284	Volcanic breccia with andesite fragments
10	59,4 91,7	1	Tuff
11	91,7 105,9	23,4	Volcanic Sandstone
12	105,9 133	8,3	Volcanic Tuff
13	133 187	67,1	Coarse sand
14	> 187	15,3	Sandy Clay

Sleman No.18

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Depan kantor Kecamatan Minggir, Sleman-19

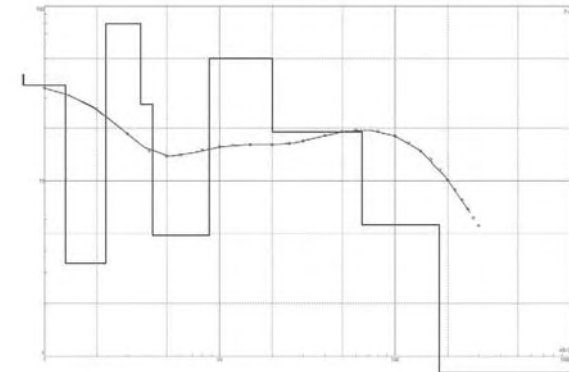


**INTERPRETATION : SLEMAN – 19**

No	DEPTH OF LAYER (meter)	RESISTIVITY ( Ohm-meter)	LITOLOGY
1	0 – 0,5	31	Soil
2	0,5 – 1	82	Coarse sand
3	1 – 1,2	1,2	Clay
4	1,2 – 1,5	113	Breccia
5	1,5 – 2,1	62	Sandstone
6	2,1 – 7,9	7,5	Claystone
7	7,9 – 8,6	179	Sandy breccia
8	8,6 – 62	20	Sandstone
9	62 – 74	0,4	Claystone
10	74 – 85,5	2	Claystone
11	85,5 – 110	60	Coarse sand
12	110 – 176	22	Sandstone
13	> 176	2,9	Claystone

Sleman No.19

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Bodan, Sendangsari, Minggir, Sleman-20

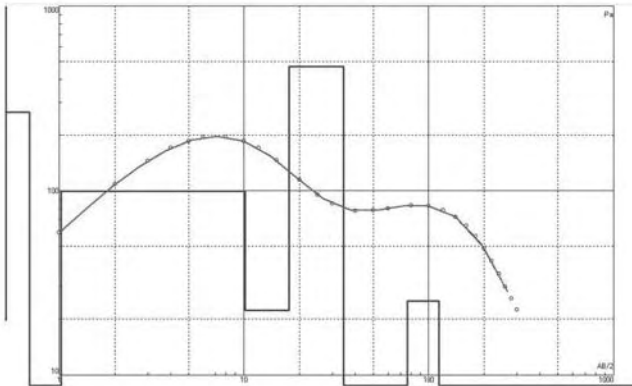


**INTERPRETATION : SLEMAN – 20**

No	DEPTH OF LAYER (meter)	RESISTIVITY ( Ohm-meter)	LITOLOGY
1	0 0,2	40	Soil
2	0,2 1,3	35	Sandstone
3	1,3 2,2	3,4	Clay
4	2,2 3,5	80	Coarse sand
5	3,5 4,1	27,6	Sandstone
6	4,1 8,7	4,8	Clay
7	8,7 20	50	Sandstone
8	20 64	20	Sandstone
9	64 178	5,6	Clay
10	> 178	0,7	Clay

Sleman No.20

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : Jl Kentungan,Sleman21**

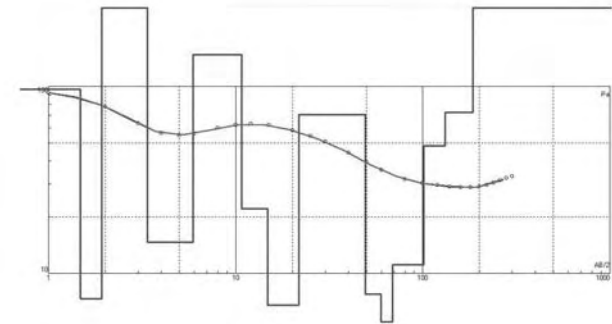


**INTERPRETATION : Sleman21**

No	DEPTH OF LAYER (meter)	RESISTIVITY ( Ohm-meter )	LITOLOGY
1	0 – 0,35	3585	Soil
2	0,35 – 0,7	265	Breccia
3	0,7 – 1	43	Sandstone
4	1 – 10	100	Breccia
5	10 – 17	22	Sandstone
6	17 – 34	471	Breccia
7	34 – 76	1	Clay
8	76 – 114	25	Sandstone
9	> 114	1	Clay

Sleman No.21

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : Jl Cantel, Miliran, Kota-01**

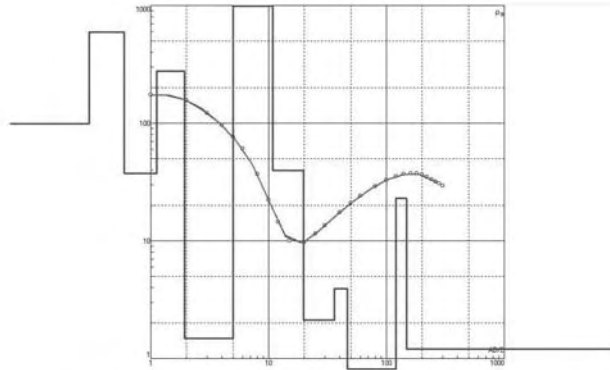


**INTERPRETATION : KOTA-01**

No	DEPTH OF LAYER (meter)	RESISTIVITY ( Ohm-meter )	LITOLOGY
1	0 – 1,5	96	Soil
2	1,5 – 2	7,3	Clay
3	2 – 3,4	328	Breccia
4	3,4 – 6	14,7	Sandy clay
5	6 – 11	147	Breccia
6	11 – 15	22	Sandstone
7	15 – 22	6,7	Clay
8	22 – 49	71	Coarse sand
9	49 – 60	7,7	Clay
10	60 – 69	5,5	Clay
11	69 – 101	11	Limy Sand
12	101 – 131	48	Sandstone
13	131 – 181	72	Coarse sand
14	> 181	732	Breccia

Yogyakarta No.1

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Gondokusuman office, Kota-02

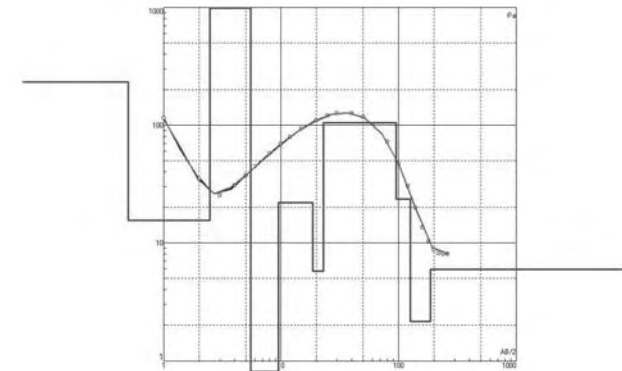


**INTERPRETATION : KOTA-02**

No	DEPTH OF LAYER (meter)	RESISTIVITY (Ohm-meter)	LITOLOGY
1	0 - 0,3	99	Soil
2	0,3 - 0,6	596	Breccia
3	0,6 - 1,1	37	Sandstone
4	1,1 - 2	276	Breccia
5	2 - 5	1,5	Clay
6	5 - 11	1167	
7	11 - 20	39	Sandstone
8	20 - 36	2	Clay
9	36 - 46	4	Clay
10	46 - 120	0,1	Clay
11	120 - 147	23	Sandstone
12	> 147	1,2	Clay

Yogyakarta No.2

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : West PDAM Tirtamarta, Kota-03

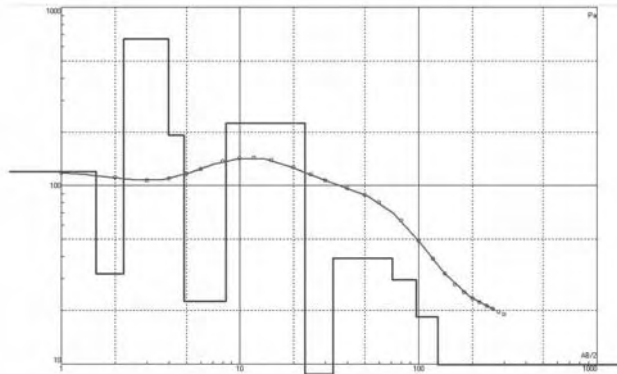


**INTERPRETATION : KOTA-04**

No	DEPTH OF LAYER (meter)	RESISTIVITY (Ohm-meter)	LITOLOGY
1	0 - 0,5	232	Soil
2	0,5 - 2,5	15	Sandy Clay
3	2,5 - 5,5	1737	Breccia
4	5,5 - 9,5	0,3	Clay
5	9,5 - 18,7	22	Sandstone
6	18,7 - 23	5,8	Clay
7	23 - 95	105	Breccia
8	95 - 126	24	Sandstone
9	126 - 185	2	Clay
10	> 185	6	Clay

Yogyakarta No.3

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Kricak lor, border w/ Kragilan, Kota-04

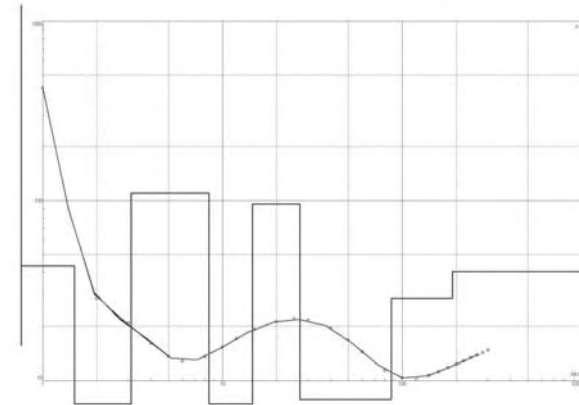


**INTERPRETATION : KOTA-05**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITHOLOGY
1	0 – 1,5	119	Soil
2	1,5 – 2,2	32	Sandstone
3	2,2 – 4	663	Breccia
4	4 – 4,8	191	Breccia
5	4,8 – 8,3	22,5	Sandstone
6	8,3 – 23	224	Breccia
7	23 – 33	3,5	Clay
8	33 – 71	39	Sandstone
9	71 – 97	30	Sandstone
10	97 – 137	18	Sandstone
11	> 137	10	Clay

Yogyakarta No.4

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Kamijoro, Pajangan, PDAM-Bantul-01

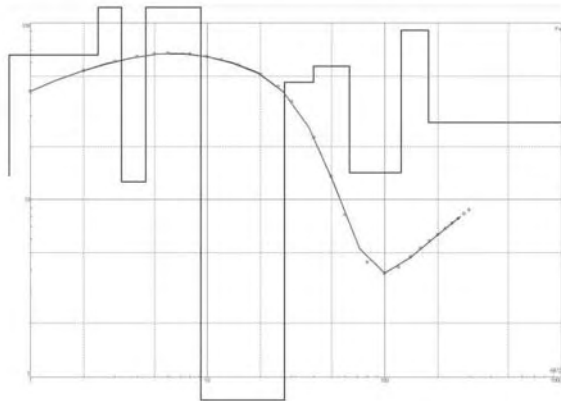


**INTERPRETATION : PDAM-BANTUL-01**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITHOLOGY
1	0 -0,25	6105	Soil
2	0,25 – 0,6	16	Sandy Marl
3	0,6 – 1,5	43	Sandstone
4	1,5 – 3,1	3,3	Marl
5	3,1 – 8,4	110	Limestone
6	8,4 – 16,7	1	Marl
7	16,7 – 27	95	Sandy Limestone
8	27 – 86	8	Marl
9	86 – 190	28	Sandstone
10	> 190	40	Sandstone

Bantul(PDAM) No.1

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Bejikulon, Sendangsari, Pajangan, PDAM-Bantul-02

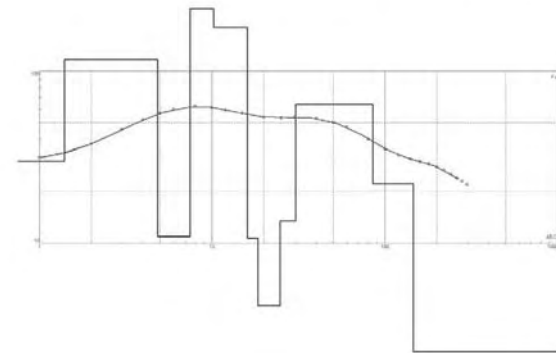


**INTERPRETATION : PDAM-BANTUL-02**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITHOLOGY
1	0 – 0,2	13,6	Soil
2	0,2 – 0,4	66	Sandy Limestone
3	2,4 – 3,3	229	Limestone
4	3,3 – 4,5	12,6	Sandy Marl
5	4,5 – 9,2	158	Limestone
6	9,2 – 27	0,7	Marl
7	27 – 40	46	Sandstone
8	40 – 63	57	Sandy Limestone
9	63 – 123	14	Sandy Marl
10	123 – 177	91	Sandy Limestone
11	> 177	27	Sandstone

Bantul(PDAM) No.2

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Bejiwetan, Sendangsari, Pajangan, PDAM-Bantul-03

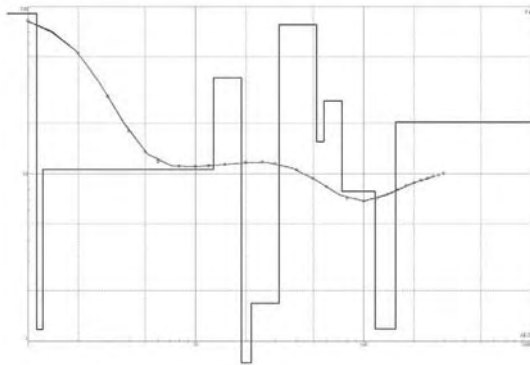


**INTERPRETATION : PDAM-BANTUL-03**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITHOLOGY
1	0 1,4	30	Soil
2	1,4 4,8	115	Limestone
3	4,8 7,5	11	Sandy Marl
4	7,5 10,2	230	Limestone
5	10,2 16	178	Limestone
6	16 18,5	11	Sandy Marl
7	18,5 24,7	4,3	Marl
8	24,7 30,3	13,4	Sandy Marl
9	30,3 85	64	Sandy Limestone
10	85 146	22	Sandstone
11	> 146	1	Marl

Bantul(PDAM) No.3

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Perumnas Guvosari, Pajangan, PDAM-Bantul-04

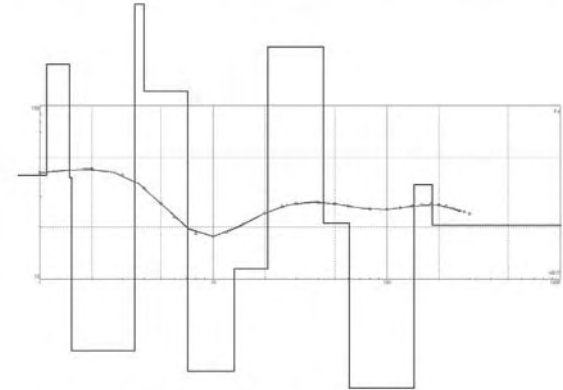


**INTERPRETATION : PDAM-BANTUL-04**

No	DEPTH OF LAYER (meter)	RESISTIVITY (Ohm-meter)	LITHOLOGY
1	0 1,1	91	Soil
2	1,1 1,2	1,2	Marl
3	1,2 12,7	10,6	Sandy Marl
4	12,7 19	37,6	Sandstone
5	19 21,5	0,4	Marl
6	21,5 31,5	1,7	Marl
7	31,5 52,6	77	Sandy Limestone
8	52,6 58	15,5	Sandy Marl
9	58 74	27,2	Sandstone
10	74 117	8	Marl
11	117 155	1,2	Marl
12	> 155	20	Sandstone

Bantul(PDAM) No.4

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Watugeduk, Guvosari, Pajangan, PDAM-Bantul-05



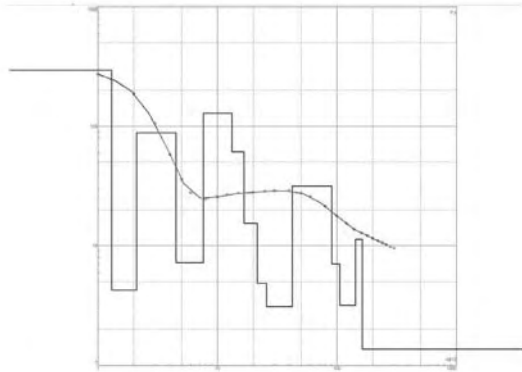
**INTERPRETATION : PDAM-BANTUL-05**

No	DEPTH OF LAYER (meter)	RESISTIVITY (Ohm-meter)	LITHOLOGY
1	0 1	39	Soil
2	1 1,5	172	Limestone
3	1,5 1,6	38	Sandstone
4	1,6 3,5	3,8	Marl
5	3,5 4	966	Limestone
6	4 7,1	121	Limestone
7	7,1 13,2	2,9	Marl
8	13,2 20,6	11,5	Sandy Marl
9	20,6 43	217	Limestone
10	43 60,5	21	Sandstone
11	60,5 143	1	Marl
12	143 182	35	Sandstone
13	> 182	20	Sandstone

Bantul(PDAM) No.5



**RESISTIVITY VERSUS DEPTH CURVES**  
Location : Bandengan, Kota Bantul, PDAM-Bantul-06

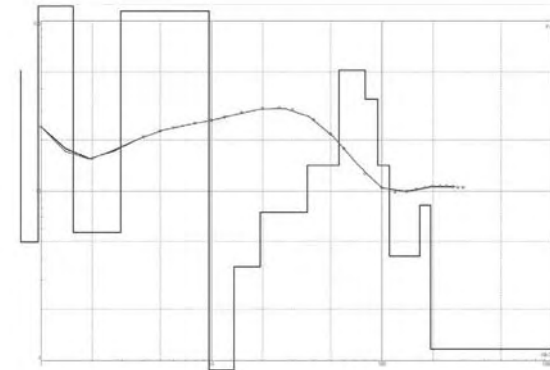


**INTERPRETATION : PDAM-BANTUL-06**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITHOLOGY
1	0 1,3	293	Soil
2	1,3 2	4	Clay
3	2 4,5	88	Coarse sand
4	4,5 7,6	7,2	Clay
5	7,6 13,2	129	Breccia
6	13,2 16,7	61	Coarse sand
7	16,7 21,6	15	Sandy Clay
8	1,6 25,8	4,8	Clay
9	25,8 42	3,2	Clay
10	42 90	31,2	Sandstone
11	90 105	7	Clay
12	105 142	3,2	Clay
13	142 163	11,3	Sandy Clay
14	> 163	1,5	Clay

Bantul(PDAM) No.6

**RESISTIVITY VERSUS DEPTH CURVES**  
Location : Panggunharjo, Sewon, PDAM-Bantul-07

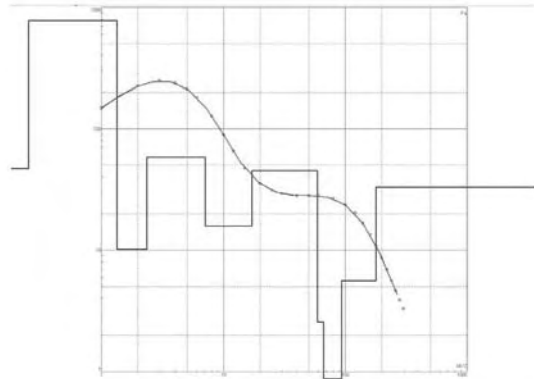


**INTERPRETATION : PDAM-BANTUL-07**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITHOLOGY
1	0 - 0,4	50	Soil
2	0,4 - 0,9	5	Clay
3	0,9 - 1,5	152	Breccia
4	1,5 - 3	5,7	Clay
5	3 - 9,6	114	Breccia
6	9,6 - 13,6	1	Clay
7	13,6 - 20	3,5	Clay
8	20 36,5	7,5	Clay
9	36,5 - 56	14	Sandy Clay
10	56 - 80	51	Coarse sand
11	80 - 95	35	Sandstone
12	95 - 110	14	Sandy Clay
13	110 - 167	4	Clay
14	167 - 193	8	Clay
15	> 193	1,2	Clay

Bantul(PDAM) No.7

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Jl imogiri barat, Panggunharjo, PDAM-Bantul-08

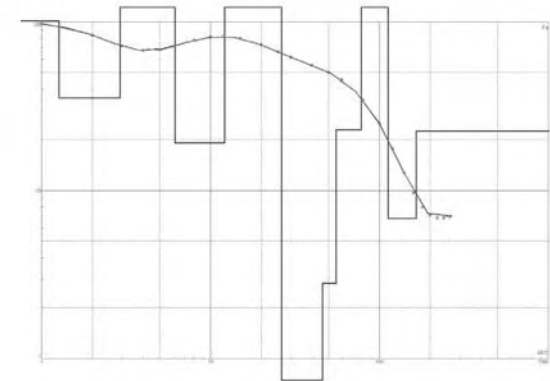


**INTERPRETATION : PDAM-BANTUL-08**

No	DEPTH OF LAYER (meter)	RESISTIVITY ( Ohm-meter)	LITHOLOGY
1	0 0,25	47	Soil
2	0,25 1,3	781	Breccia
3	1,3 2,4	10	Clay
4	2,4 7	58	Coarse sand
5	7 17	16	Sandy Clay
6	17 58	44	Sandstone
7	58 66	2,5	Clay
8	66 75	0,1	Clay
9	75 94	0,3	Clay
10	94 178	5,8	Clay
11	> 178	33	Sandstone

Bantul(PDAM) No.8

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Jl Wonosari km 12, Piyungan, PDAM-Bantul-09

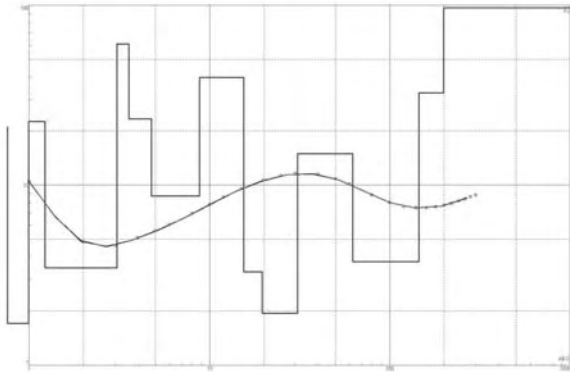


**INTERPRETATION : PDAM-BANTUL-09**

No	DEPTH OF LAYER (meter)	RESISTIVITY ( Ohm-meter)	LITHOLOGY
1	0 1,2	101	Soil
2	1,2 2,9	35	Sandstone
3	2,9 3,6	203	Breccia
4	3,6 6,1	243	Breccia
5	6,1 12	20	Sandstone
6	12 18,6	153	Breccia
7	18,6 26,2	131	Breccia
8	26,2 46	0,6	Clay
9	46 55	2,8	Clay
10	55 78	23	Sandstone
11	78 112	1174	Lava
12	112 165	7	Clay
13	> 165	22	Sandstone

Bantul(PDAM) No.9

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : Jombor, Srimulyo, Piyungan, PDAM-Bantul-10**

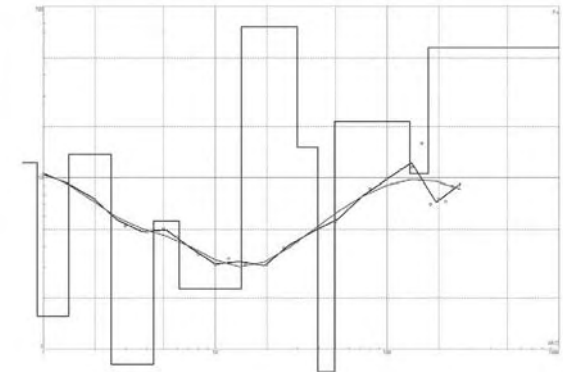


**INTERPRETATION : PDAM-BANTUL-10**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITHOLOGY
1	0 - 1	1,7	Soil
2	1 - 1,2	22,5	Sandstone
3	1,2 - 3,1	3,4	Clay
4	3,1 - 3,6	61	Coarse sand
5	3,6 - 4,7	23,3	Sandstone
6	4,7 - 8,7	8,6	Clay
7	8,7 - 15,4	40	Sandstone
8	15,4 - 19,5	3,3	Clay
9	19,5 - 31	1,9	Clay
10	31 - 62	15	Sandy clay
11	62 - 144	3,7	Clay
12	144 - 199	32	Sandstone
13	> 199	96	Coarse sand

Bantul(PDAM) No.10

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : Prayan, Srimulyo, Piyungan, PDAM-Bantul-11**

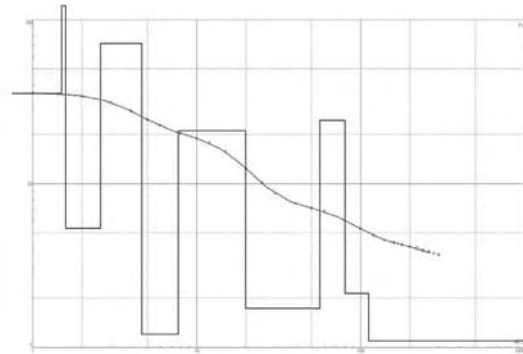


**INTERPRETATION : PDAM-BANTUL-11**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITHOLOGY
1	0 0,9	12,3	Soil
2	0,9 1,4	1,6	Clay
3	1,4 2,5	14	Sandy clay
4	2,5 4,4	0,8	Clay
5	4,4 6,2	5,6	Clay
6	6,2 14	2,3	Clay
7	14 30	76	Coarse sand
8	30 39	15	Sandy clay
9	39 49	0,2	Clay
10	49 136	21	Sandstone
11	136 174	11	Sandy clay
12	> 174	57	Coarse sand

Bantul(PDAM) No.11

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Karangploso, Sitimulyo, Piyungan, PDAM-Bantul-12

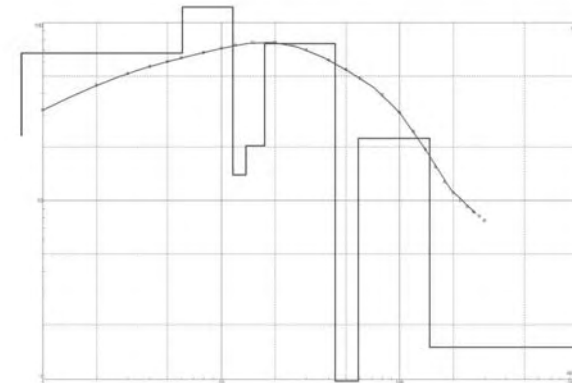


**INTERPRETATION : PDAM-BANTUL-12**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITHOLOGY
1	0 - 1,5	36	Soil
2	1,5 - 1,7	327	Breccia
3	1,7 - 2,6	5,3	Clay
4	2,6 - 4,6	72	Coarse sand
5	4,6 - 7,7	1,2	Clay
6	7,7 - 20	21	Sandstone
7	20 - 56	1,7	Clay
8	56 - 80	24	Sandstone
9	80 - 112	2,1	Clay
10	> 112	1,1	Clay

Bantul(PDAM) No.12

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Sampaan, Sitimulyo, Piyungan, PDAM-Bantul-13

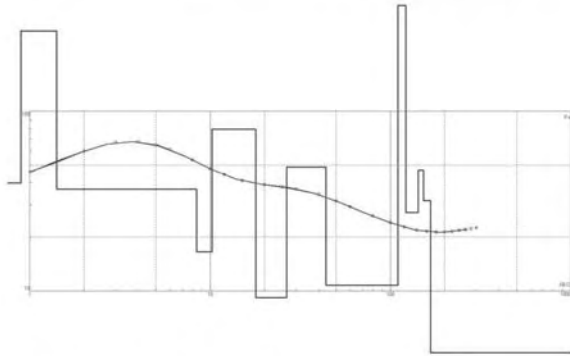


**INTERPRETATION : PDAM-BANTUL-13**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITHOLOGY
1	0 - 0,5	23	Soil
2	0,5 - 6,1	67	Coarse sand
3	6,1 - 11,6	172	Breccia
4	11,6 - 13,7	14	Sandy clay
5	13,7 - 17,5	21	Sandstone
6	17,5 - 43,4	76	Coarse sand
7	43,4 - 58,6	1	Clay
8	58,6 - 147	22	Sandstone
9	> 147	1,5	Clay

Bantul(PDAM) No.13

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : Terong, Kebokuning, Dlingo, PDAM-Bantul-14**

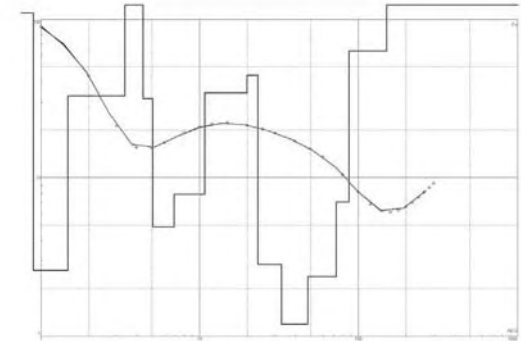


**INTERPRETATION : PDAM-BANTUL-14**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITHOLOGY
1	0 – 0,8	40	Soil
2	0,8 – 1,4	37	Sandstone
3	1,4 – 10	16	Sandy marl
4	10 – 18	79	Sandy limestone
5	18 – 26,5	9,2	Marl
6	26,5 – 44	49	Sandstone
7	44 – 110	11	Sandy marl
8	110 – 122	495	Limestone
9	122 – 142	27	Sandstone
10	142 – 152	47	Sandstone
11	152 – 167	32	Sandstone
12	> 167	5	Marl

Bantul(PDAM) No.14

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : Kapingan, SMP I Dlingo, PDAM-Bantul-15**

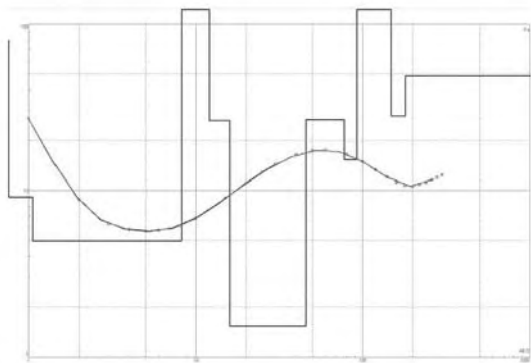


**INTERPRETATION : PDAM-BANTUL-15**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITHOLOGY
1	0 0,8	109	Soil
2	0,8 1,5	2,6	Marl
3	1,5 3,4	33	Sandstone
4	3,4 4,4	161	Limestone
5	4,4 5,1	32	Sandstone
6	5,1 7	4,9	Marl
7	7 10,7	8	Marl
8	10,7 20	34	Sandstone
9	20 23	44	Sandstone
10	23 33	2,8	Marl
11	33 48	1,2	Marl
12	48 72	2,5	Marl
13	72 87	7	Marl
14	87 150	63	Sandy limestone
15	> 150	153	Limestone

Bantul(PDAM) No.15

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Kecamatan Dlingo office, PDAM-Bantul-16

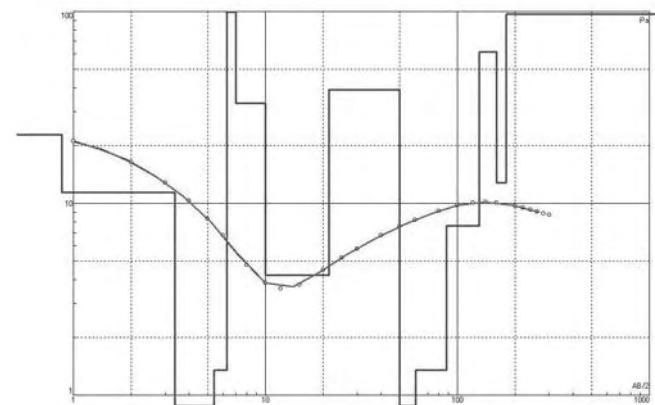


**INTERPRETATION : PDAM-BANTUL-16**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITHOLOGY
1	0 0,3	79	Soil
2	0,3 1,5	10	Marl
3	1,5 8,2	5	Marl
4	8,2 12	237	Limestone
5	12 16	26	Sandstone
6	16 45	1,5	Marl
7	45 78	26	Sandstone
8	78 92,5	15	Sandy marl
9	92,5 148	1542	Limestone
10	148 180	28	Sandstone
11	> 180	48	Sandstone

Bantul(PDAM) No.16

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Imogiri, PDAM - Bantul-17

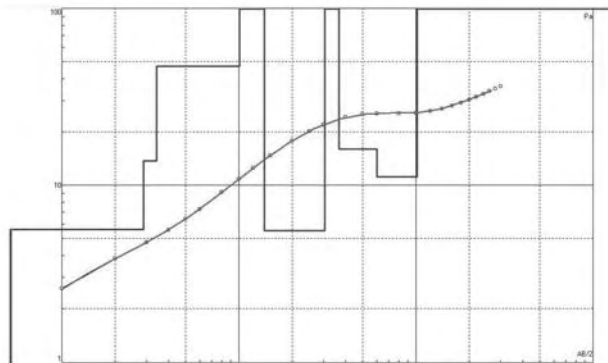


**INTERPRETATION : PDAM-BANTUL-17**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITHOLOGY
1	0 3,4	11	Soil
2	3,4 5,4	0,8	Clay
3	5,4 6,3	1,3	Clay
4	6,3 7	109	Breccia
5	7 10	33	Sandstone
6	10 21	4,2	Clay
7	21 50	39	Sandstone
8	50 60	0,6	Clay
9	60 88	1,3	Clay
10	88 129	7,6	Clay
11	129 159	61	Coarse sand
12	159 179	13	Sandy clay
13	> 179	97	Coarse sand

Bantul(PDAM) No.17

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : SPN (Police School), PDAM - Bantul-18**

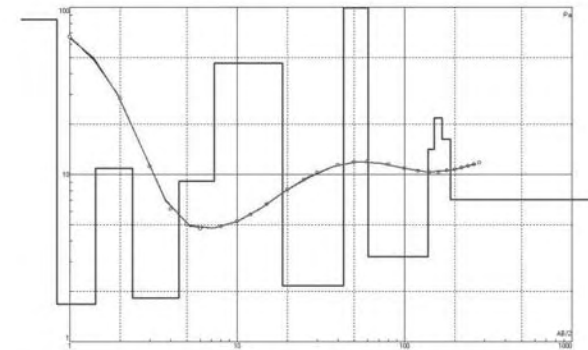


**INTERPRETATION : PDAM-BANTUL-18**

No	DEPTH OF LAYER (meter)	RESISTIVITY (Ohm-meter)	LITHOLOGY
1	0 – 0,2	1	Soil
2	0,2 – 2,8	5,6	Clay
3	2,8 – 3,4	13,7	Sandy clay
4	3,4 – 10	47	Sandstone
5	10 – 14	165	Breccia
6	14 – 30	5,5	Clay
7	30 – 37	602	Breccia
8	37 – 60	16	Sandy clay
9	60 – 102	11	Sandy clay
10	102 – 174	134	Breccia
11	> 174	410	Breccia

Bantul(PDAM) No.18

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : Becari, Seloharjo, Imogiri, PDAM - Bantul-19**

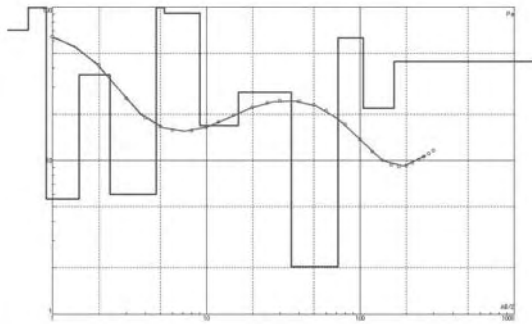


**INTERPRETATION : PDAM-BANTUL-19**

No	DEPTH OF LAYER (meter)	RESISTIVITY (Ohm-meter)	LITHOLOGY
1	0 – 0,8	85	Soil
2	0,8 – 1,4	1,6	Clay
3	1,4 – 2,3	11	Sandy clay
4	2,3 – 4,5	1,8	Clay
5	4,5 – 7,2	9	Clay
6	7,2 – 18,7	46	Sandstone
7	18,7 – 43	2,2	Clay
8	43 – 61	183	Breccia
9	61 – 138	3	Clay
10	138 – 151	14	Sandy clay
11	151 – 167	22	Sandstone
12	167 – 187	16	Sandy clay
13	> 187	7	Clay

Bantul(PDAM) No.19

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Wonodoro, Bambanglipuro, PDAM - Bantul-20

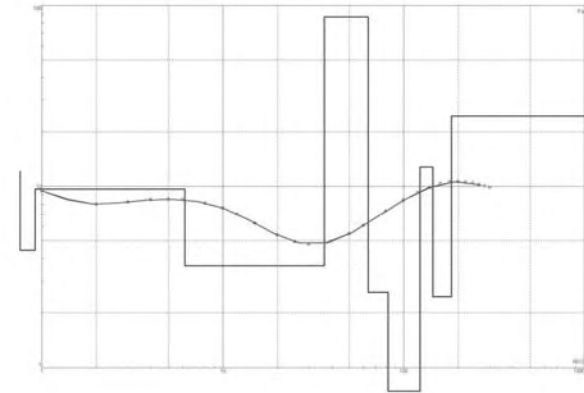


**INTERPRETATION : PDAM-BANTUL-20**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITHOLOGY
1	0 - 0,6	71	Soil
2	0,6 - 0,9	116	Breccia
3	0,9 - 1,5	5,6	Clay
4	1,5 - 2,4	36	Clay
5	2,4 - 4,7	6	Clay
6	4,7 - 5,3	125	Breccia
7	5,3 - 9	91	Coarse sand
8	9 - 16	17	Sandy clay
9	16 - 35,6	27	Sandstone
10	35,6 - 72	2	Clay
11	72 - 105	63	Coarse sand
12	105 - 166	22	Sandstone
13	> 166	44	Sandstone

Bantul(PDAM) No.20

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Ciren, Triharjo, Pandak, PU-Bantul- 01



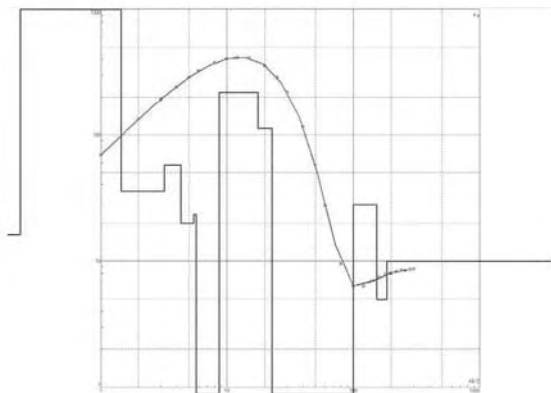
**INTERPRETATION : PU-BANTUL-01**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITOLGY
1	0 - 0,5	12	Soil
2	0,5 - 0,9	4,4	Clay
3	0,9 - 6,2	9,7	Clay
4	6,2 - 36,4	3,6	Clay
5	36,4 - 63,8	86	Coarse sand
6	63,8 - 82	2,5	Clay
7	82 - 123	0,1	Clay
8	123 - 145	12,8	Sandy Clay
9	145 - 183	2,4	Clay
10	> 183	25	Sandstone

Bantul(PU) No.1



**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Kuwaru beach, Poncosari, Srandakan, PU-Bantul- 02

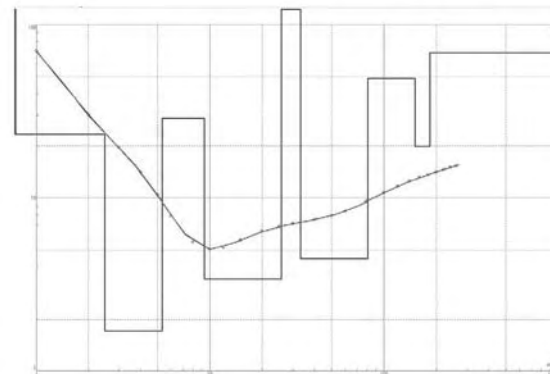


**INTERPRETATION : PU-BANTUL-02**

No	DEPTH OF LAYER (meter)	RESISTIVITY ( Ohm-meter)	LITOLGY
1	0 0,2	16,2	Soil
2	0,2 1,4	66	Coarse sand
3	1,4 3,2	36	Sandstone
4	3,2 4,3	57	Coarse sand
5	4,3 5,4	20	Sandstone
6	5,4 5,7	23,5	Sandstone
7	5,7 8,6	0,2	Clay
8	8,6 17,6	218	Breccia
9	17,6 22,7	113	Breccia
10	22,7 100	0,2	Clay
11	100 153	28	Sandstone
12	153 183	4,9	Clay
13	> 183	10	Clay

Bantul(PU) No.2

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Grogol, Parangtritis, Kretek, PU-Bantul-03

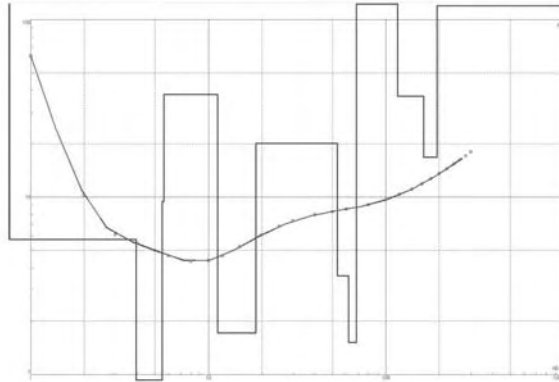


**INTERPRETATION : PU-BANTUL-03**

No	DEPTH OF LAYER ( meter)	RESISTIVITY ( Ohm-meter)	LITOLGY
1	0 0,5	125	Soil
2	0,5 2,4	23	Sandstone
3	2,4 5,3	1,7	Clay
4	5,3 9,3	28,8	Sandstone
5	9,3 25,7	3,4	Clay
6	25,7 33,2	204	Breccia
7	33,2 81	4,5	Clay
8	81 150	49	Sandstone
9	150 183	20	Sandstone
10	> 183	68	Coarse sand

Bantul(PU) No.3

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : Soka, Seloharjo, Pundong, PU-Bantul-04**

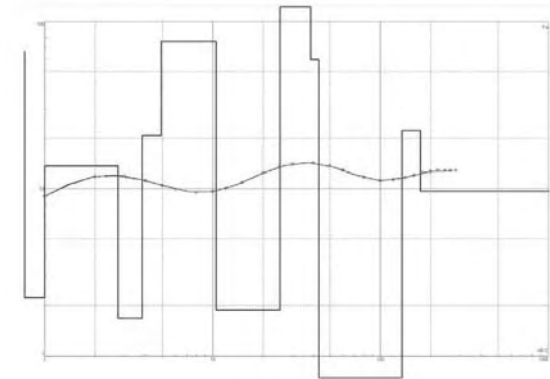


**INTERPRETATION : PU-BANTUL-04**

No	DEPTH OF LAYER (meter)	RESISTIVITY ( Ohm-meter )	LITOLOGY
1	0 - 0,2	1338	Soil
2	0,2 - 0,6	67	Coarse sand
3	0,6 - 3,9	5,7	Clay
4	3,9 - 5,5	1	Clay
5	5,5 - 5,6	9,5	Clay
6	5,6 - 11,2	37,7	Sandstone
7	11,2 - 18,5	1,7	Clay
8	18,5 - 53	20	Sandstone
9	53 - 61,7	3,6	Clay
10	61,7 - 68	1,5	Clay
11	68 - 116	368	Breccia
12	116 - 163	37	Sandstone
13	163 - 194	17	Sandy clay
14	> 194	154	Breccia

Bantul(PU) No.4

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : Karangasem, Wukirsari, Imogiri, PU-Bantul-05**

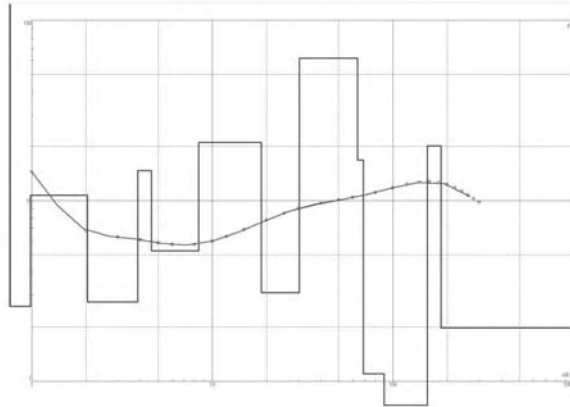


**INTERPRETATION : PU-BANTUL-05**

No	DEPTH OF LAYER (meter)	RESISTIVITY ( Ohm-meter )	LITOLOGY
1	0 0,2	3,3	Soil
2	0,2 0,5	65	Coarse sand
3	0,5 0,9	2,2	Clay
4	0,9 2,7	13,6	Sandy clay
5	2,7 3,8	1,7	Clay
6	3,8 5	21	Sandstone
7	5 10,5	76	Coarse sand
8	10,5 25,2	1,8	Clay
9	25,2 38,4	240	Breccia
10	38,4 43	59	Coarse sand
11	43 134	0,3	Clay
12	134 173	22	Sandstone
13	> 173	9,6	Clay

Bantul(PU) No.5

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Srumbung, Segoroyoso, Pleret, PU-Bantul-06

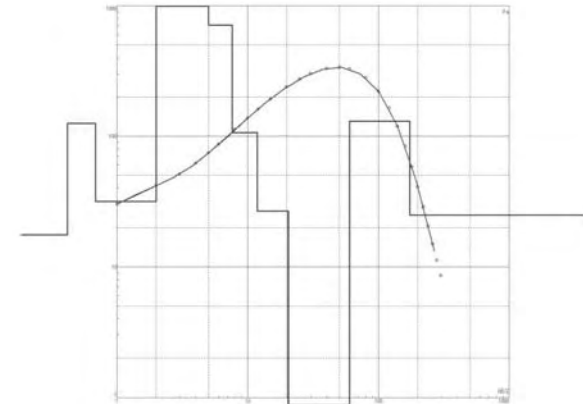


**INTERPRETATION : PU-BANTUL-06**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITOLOGY
1	0 – 0,1	674	Soil
2	0,1 – 0,6	26,5	Sandstone
3	0,6 – 1	2,6	Clay
4	1 – 2	11	Sandy clay
5	2 – 3,8	2,7	Clay
6	3,8 – 4,6	15	Sandy clay
7	4,6 – 8,4	5,2	Clay
8	8,4 – 18,6	21	Sandstone
9	18,6 – 30,4	3,1	Clay
10	30,4 – 64	62	Coarse sand
11	64 – 69	17	Sandy clay
12	69 – 89,4	1,1	Clay
13	89,4 – 155	0,3	Clay
14	155 – 184	21	Sandstone
15	> 184	2	Clay

Bantul(PU) No.6

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Beneran, Purwobinangun, Pakem, Sleman-07

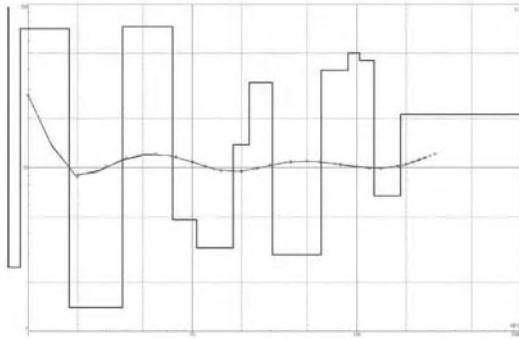


**INTERPRETATION : SLEMAN - 07**

No	DEPTH OF LAYER ( meter )	RESISTIVITY ( Ohm-meter )	LITOLOGY
1	0 – 0,4	17,6	Soil
2	0,4 – 0,7	125	Sandy breccia
3	0,7 – 2	31,5	Andesite lava
4	2 – 5	5591	Compact and massive Lava
5	5 – 7,6	713	Volcanic breccia with andesite fragments
6	7,6 – 11,9	106	Sandy breccia
7	11,9 – 20,4	27	Volcanic sandstone
8	20,4 – 60	0,8	Tuff
9	60 - 173	130	Sandy breccia
10	> 173	25	Volcanic sandstone

Bantul(PU) No.7

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Kaligatuk, Srimulyo, Piyungan, PU-Bantul-08

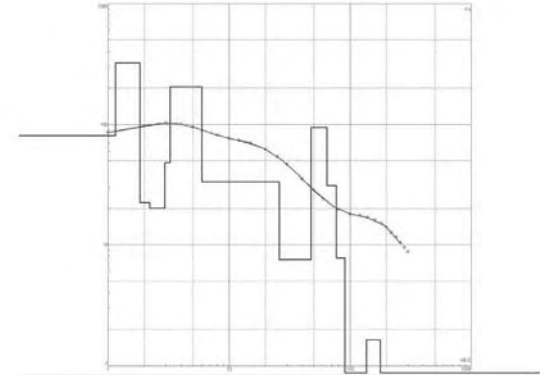


**INTERPRETATION : PU-BANTUL-08**

No	DEPTH OF LAYER (meter)	RESISTIVITY (Ohm-meter)	LITOLOGY
1	0 0,3	95	Soil
2	0,3 0,9	2,4	Clay
3	0,9 1,7	71	Coarse sand
4	1,7 3,7	1,4	Clay
5	3,7 7,5	73	Coarse sand
6	7,5 10,6	4,8	Clay
7	10,6 17,7	3,2	Clay
8	17,7 22,2	14	Sandy clay
9	22,2 31	33	Sandstone
10	31 61	2,9	Clay
11	61 88	39	Sandstone
12	88 103	50	Sandstone
13	103 127	45	Sandstone
14	127 184	6,7	Clay
15	> 184	21	Sandstone

Bantul(PU) No.8

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Terong, Dlingo, PU-Bantul-09

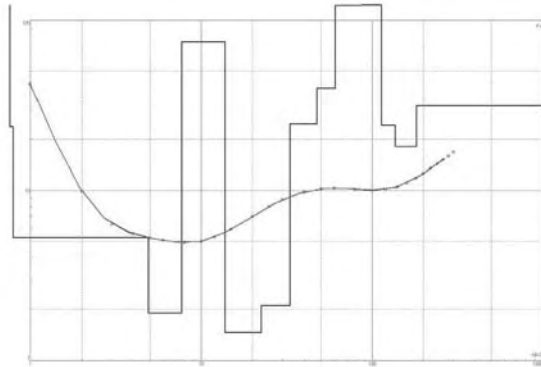


**INTERPRETATION : PU-BANTUL-09**

No	DEPTH OF LAYER (meter)	RESISTIVITY (Ohm-meter)	LITOLOGY
1	0 - 1,1	81	Soil
2	1,1 1,8	323	Limestone
3	1,8 2,2	22	Sandstone
4	2,2 2,9	20	Sandstone
5	2,9 3,2	48	Sandstone
6	3,2 6	203	Limestone
7	6 26	34	Sandstone
8	26 47	7,5	Marl
9	47 64	95	Sandy limestone
10	64 77	31	Sandstone
11	77 90	7,7	Marl
12	90 136	0,3	Marl
13	136 178	1,6	Marl
14	> 178	0,5	Marl

Bantul(PU) No.9

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : Temuwuh, Tekik, Dlingo, PU-Bantul-10**

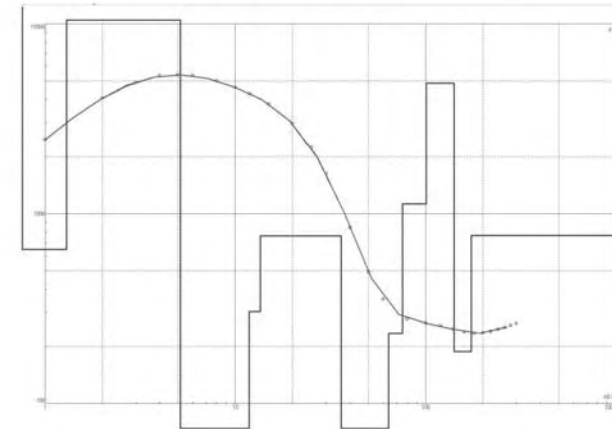


**INTERPRETATION : PU-BANTUL-10**

No	DEPTH OF LAYER (meter)	RESISTIVITY (Ohm-meter)	LITOLOGY
1	0 - 0,2	253	Soil
2	0,2 - 0,8	23	Sandstone
3	0,8 - 4,8	5,2	Marl
4	4,8 - 7,7	1,9	Marl
5	7,7 - 13,7	74	Sandy limestone
6	13,7 - 22	1,5	Marl
7	22 - 33	2	Marl
8	33 - 47	25	Sandstone
9	47 - 61	40	Sandstone
10	61 - 87	269	Limestone
11	87 - 113	123	Limestone
12	113 - 135	24	Sandstone
13	135 - 181	18	Sandy marl
14	> 181	31	Sandstone

Bantul(PU) No.10

**RESISTIVITY VERSUS DEPTH CURVES**  
**Location : Tanen, Hargobinangun, Pakem, Sleman-11**

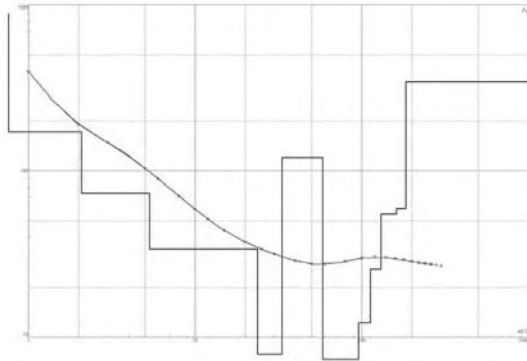


**INTERPRETATION : SLEMAN - 11**

No	DEPTH OF LAYER (meter)	RESISTIVITY (Ohm-meter)	LITOLOGY
1	0 - 0,5	14751	Soil
2	0,5 - 1,3	647	Volcanic breccia with andesite fragments
3	1,3 - 5,1	10474	Compact and massive Lava
4	5,1 - 8,5	55	Coarse sand
5	8,5 - 11,3	58	Coarse sand
6	11,3 - 11,8	48	Volcanic sandstone
7	11,8 - 13,8	305	Volcanic breccia with andesite fragments
8	13,8 - 35,9	763	Volcanic breccia with andesite fragments
9	35,9 - 63,6	36,5	Volcanic sandstone
10	63,6 - 75,4	233	Volcanic breccia with andesite fragments
11	75,4 - 100,7	1124	Andesite Lava
12	100,7 - 150,9	4878	Compact and massive Lava
13	150,9 - 176	187	Sandy breccia
14	> 176	766	Volcanic breccia with andesite fragments

Bantul(PU) No.11

**RESISTIVITY VERSUS DEPTH CURVES**  
Location : Mangunan, Dlingo, PU-Bantul-12

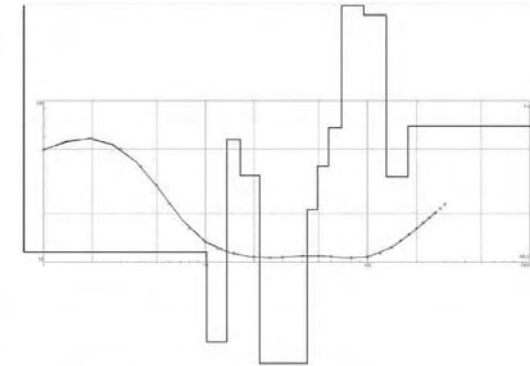


**INTERPRETATION : PU-BANTUL-12**

No	DEPTH OF LAYER (meter)	RESISTIVITY (Ohm-meter)	LITOLOGY
1	0 - 0,4	883	Soil
2	0,4 - 2	171	Limestone
3	2 - 5,3	74	Sandy limestone
4	5,3 - 24	34	Sandstone
5	24 - 33	8	Marl
6	33 - 58	119	Limestone
7	58 - 83	3,7	Marl
8	83 - 95	6,4	Marl
9	95 - 112	12,3	Sandy marl
10	112 - 130	25,5	Sandstone
11	130 - 161	54	Sandy limestone
12	161 - 183	60	Sandy limestone
13	> 183	344	Limestone

Bantul(PU) No.12

**RESISTIVITY VERSUS DEPTH CURVES**  
Location : Bangen, Bangunjiwo, PU-Bantul-13

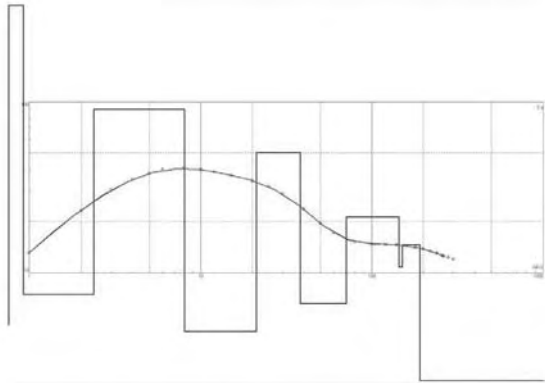


**INTERPRETATION : PU-BANTUL-13**

No	DEPTH OF LAYER (meter)	RESISTIVITY (Ohm-meter)	LITOLOGY
1	0 - 0,2	17	Soil
2	0,2 - 0,5	396	Breccia
3	0,5 - 10,2	12	Sandy clay
4	10,2 - 13,5	3,2	Clay
5	13,5 - 16,4	58	Coarse sand
6	16,4 - 21,6	34	Sandstone
7	21,6 - 42,6	2,4	Clay
8	42,6 - 50	22	Sandstone
9	50 - 57,6	40	Sandstone
10	57,6 - 70	68	Coarse sand
11	70 - 95	684	Breccia
12	95 - 130	338	Breccia
13	130 - 176	34	Sandstone
14	> 176	70	Coarse sand

Bantul(PU) No.13

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Serut, Guwosari, Pajangan, PU-Bantul-14

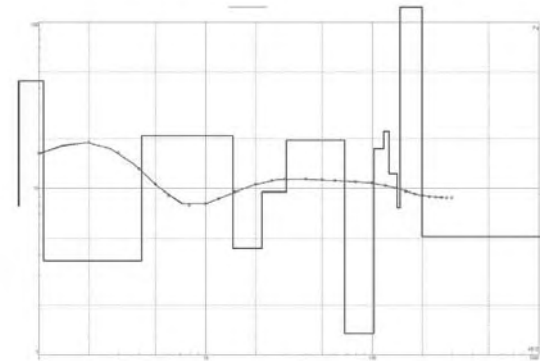


**INTERPRETATION : PU-BANTUL-14**

No	DEPTH OF LAYER (meter)	RESISTIVITY (Ohm-meter)	LITOLOGY
1	0 0,3	5	Soil
2	0,3 0,9	367	Limestone
3	0,9 2,4	7,5	Marl
4	2,4 8	90	Sandy limestone
5	8 21,1	4,5	Marl
6	21,2 38	50	Sandstone
7	38 71	6,6	Marl
8	71 144	21	Sandstone
9	144 151	11	Sandy marl
10	151 190	15	Sandy marl
11	> 190	1,5	Marl

Bantul(PU) No.14

**RESISTIVITY VERSUS DEPTH CURVES**  
 Location : Metes, Argorejo, Sedayu, PU-Bantul-15



**INTERPRETATION : PU-BANTUL- 15**

No	DEPTH OF LAYER (meter)	RESISTIVITY (Ohm-meter)	LITOLOGY
1	0 0,3	7,8	Soil
2	0,3 1,1	44	Sandstone
3	1,1 4,1	3,7	Marl
4	4,1 14,6	21	Sandstone
5	14,6 21,7	4,4	Marl
6	21,7 30	10	Marl
7	30 68	20	Sandstone
8	68 102	1,4	Marl
9	102 117	17,4	Sandy marl
10	117 125,7	22	Sandstone
11	125,7 141	12	Sandy marl
12	141 146	7,6	Marl
13	146 198	417	Limestone
14	> 198	5	Marl

Bantul(PU) No.15