LAMPIRAN

BORELOG 02

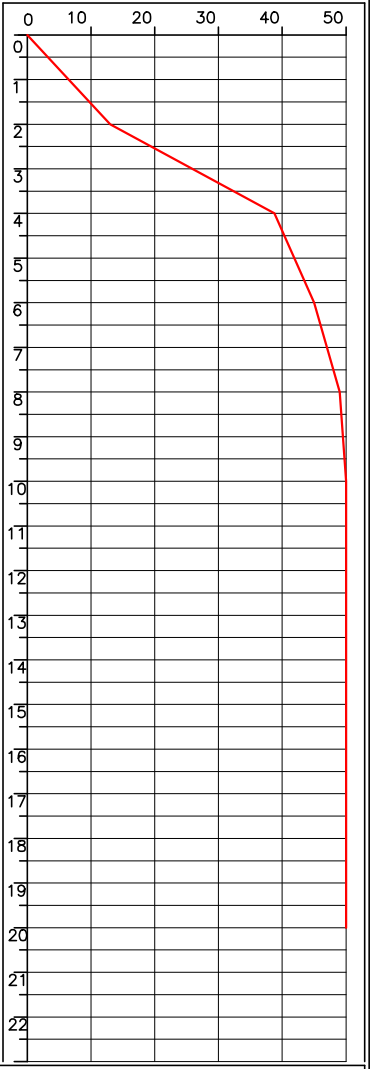
SHEET NO :

CLIENT : PT. DUTA BHUANA JAYA		TESTED BY : Ir. ASMARA BUDIMAN
PROJECT : RENCANA TEKNIK TERPERINCI BANDARA WAHAI		VERIFIED BY : Ir. HARJO SARJONO
LOCATION : BANDARA WAHAI, MALUKU TENGAH		

PROJECT NO :	BOREHOLE NO : DB – 02	WATER LEVEL : –
DRILLING DATE STARTED : 25 AGUSTUS 2017	BOREHOLE DIA : 3 INCH	KOORDINAT UTM
DRILLING DATE COMPLETED : 01 SEPTEMBER 2017	CORE DIA :	NORTHING : 553589.491
PREPARED BY : EVAN S. TATURA	DRILLING METHOD : WASH DRILLING	EASTING : 9689060.546

Depth(m)	Test Type	Soil Visualization	N–1	N–2	N–3	N–SPT
0		Stiff, Dry, Dark Brown, Medium Plasticity CLAY, Some fine Sand				
1		Medium Dense, Dry, Light Brown, medium fine SAND, trace, Clay				
2	spt1	Medium Dense, Dry, Light Yellow, Sandy GRAVEL Trace Clay	5	6	7	13
3						
4	spt2		15	18	21	39
5						
6	spt3	Dense, Dry, Light Yellow, Sandy GRAVEL Trace Clay	15	20	25	45
7						
8	spt4		20	23	26	49
9						
10	spt5	Very Dense, Dry, Light Yellow, Sandy GRAVEL Trace Clay	21	24	27	51
11						
12	spt6		24	27	30	57
13						
14	spt7		23	28	32	66
15						
16	spt8		22	28	33	70
17						
18	spt9		24	29	34	70
19						
20	spt10	End of boring	24	29	34	76
21		Distincly weathered (DW), Light Yellow, Massive, Extremely low to low (EL to L)				
22						

Standart Penetration Test



Legend : : Undisturb sample : Disturb sample

: Sand : Clay

: Gravel

Ground Water Level (Measured from Ground Level)				
Date (dd/mm/yyyy)	Time (hh:mm)	Borehole Depth (m)	Cosing Depth (m)	Water Level (m)
26 / 08 / 2017	08.00	4	4	-
27 / 08 / 2017	08.00	8	8	-
28 / 08 / 2017	08.00	10	10	-

1. SPT SISTEM : RRC
2. HUMMER TYPE : DONUT
1. SPLIT SPOON SAMPLER : STANDART – NON LINER

BORELOG 03

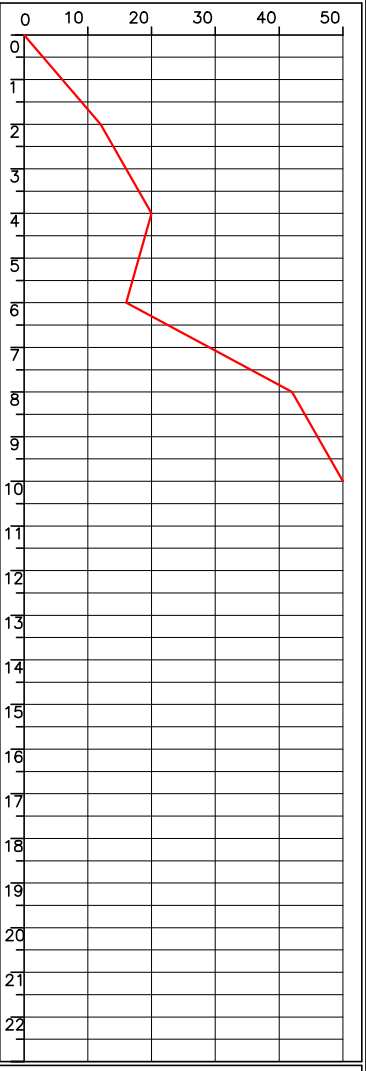
SHEET NO :

CLIENT : PT. DUTA BHUANA JAYA	TESTED BY : Ir. ASMARA BUDIMAN	
PROJECT : RENCANA TEKNIK TERPERINCI BANDARA WAHAI	VERIFIED BY : Ir. HARJO SARJONO	
LOCATION : BANDARA WAHAI, MALUKU TENGAH		

PROJECT NO :	BOREHOLE NO : DB – 03	WATER LEVEL : –
DRILLING DATE STARTED : 02 SEPTEMBER 2017	BOREHOLE DIA : 3 INCH	KOORDINAT UTM
DRILLING DATE COMPLETED : 05 SEPTEMBER 2017	CORE DIA :	NORTHING : 553746.367
PREPARED BY : EVAN S. TATURA	DRILLING METHOD : WASH DRILLING	EASTING : 9689327.551

Depth(m)	Test Type	Soil Visualization	N–1	N–2	N–3	N–SPT
0		Medium Stiff, Dry, Dark Brown, Medium Plasticity CLAY, Some fine Sand				
1		Medium Dense, Dry, Light Brown, medium fine SAND, trace, Clay				
2	spt1	Medium Dense, Dry, Light Yellow, Sandy GRAVEL Trace Clay	3	5	7	12
4	spt2		7	9	11	20
6	spt3		5	7	9	16
8	spt4	Dense, Dry, Light Yellow, Sandy GRAVEL Trace Clay	15	18	24	42
9		Very Dense, Dry, Light Yellow, Sandy GRAVEL Trace Clay				
10	spt5	End of boring Distincly weathered (DW), Light Yellow, Massive, Extremely low to low (EL to L)	24	27	32	59

Standart Penetration Test



Legend : : Undisturb sample : Disturb sample

: Sand : Clay

: Gravel

Ground Water Level (Measured from Ground Level)				
Date (dd/mm/yyyy)	Time (hh:mm)	Borehole Depth (m)	Cosing Depth (m)	Water Level (m)
03 / 09 / 2017	08.00	4	4	-
04 / 09/ 2017	08.00	8	8	-
05 / 09/ 2017	08.00	10	10	-

1. SPT SISTEM : RRC
2. HUMMER TYPE : DONUT
1. SPLIT SPOON SAMPLER : STANDART – NON LINER

BORELOG 04

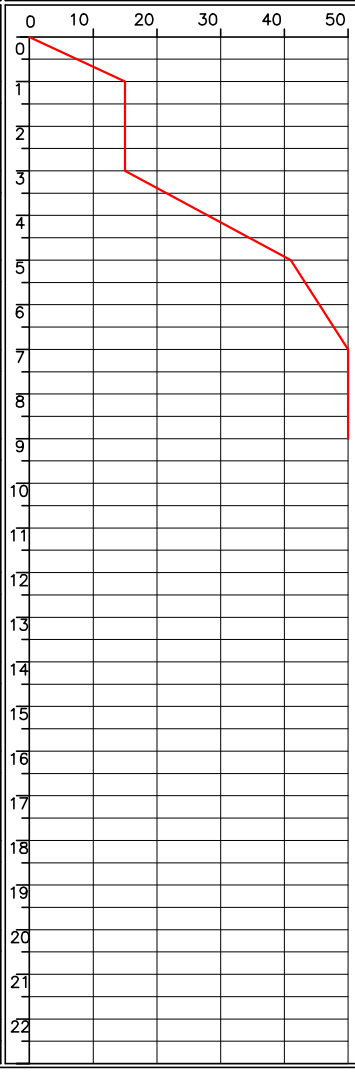
SHEET NO :

CLIENT : PT. DUTA BHUANA JAYA		TESTED BY : Ir. ASMARA BUDIMAN
PROJECT : RENCANA TEKNIK TERPERINCI BANDARA WAHAI		VERIFIED BY : Ir. HARJO SARJONO
LOCATION : BANDARA WAHAI, MALUKU TENGAH		

PROJECT NO :	BOREHOLE NO : DB – 04	WATER LEVEL : –
DRILLING DATE STARTED : 06 SEPTEMBER 2017	BOREHOLE DIA : 3 INCH	KOORDINAT UTM
DRILLING DATE COMPLETED : 08 SEPTEMBER 2017	CORE DIA :	NORTHING : 554115.717
PREPARED BY : EVAN S. TATURA	DRILLING METHOD : WASH DRILLING	EASTING : 9689564.550

Depth(m)	Test Type	Soil Visualization	N-1	N-2	N-3	N-SPT
0		Stiff, Dry, Dark Brown, Medium Plasticity CLAY, Some fine Sand				
		Loose, Dry, Light Brown, medium fine SAND, trace, Clay				
1	spt1	Medium Dense, Dry, Light Yellow, Sandy GRAVEL Trace Clay	6	7	8	15
3	spt2		6	7	8	15
5	spt3	Dense, Dry, Light Yellow, Sandy GRAVEL Trace Clay	16	19	22	41
7	spt4	Very Dense, Dry, Light Yellow, Sandy GRAVEL Trace Clay	19	23	27	50
9	spt5	End of boring Distincly weathered (DW), Light Yellow, Massive, Extremely low to low (EL to L)	22	27	32	59

Standart Penetration Test



Legend : : Undisturb sample : Disturb sample

: Sand : Clay

: Gravel

Ground Water Level (Measured from Ground Level)				
Date (dd/mm/yyyy)	Time (hh:mm)	Borehole Depth (m)	Cosing Depth (m)	Water Level (m)
06 / 09 / 2017	08.00	4	4	-
07 / 09 / 2017	08.00	7	7	-
08 / 09 / 2017	08.00	9	9	-

1. SPT SISTEM : RRC
2. HUMMER TYPE : DONUT
1. SPLIT SPOON SAMPLER : STANDART – NON LINER

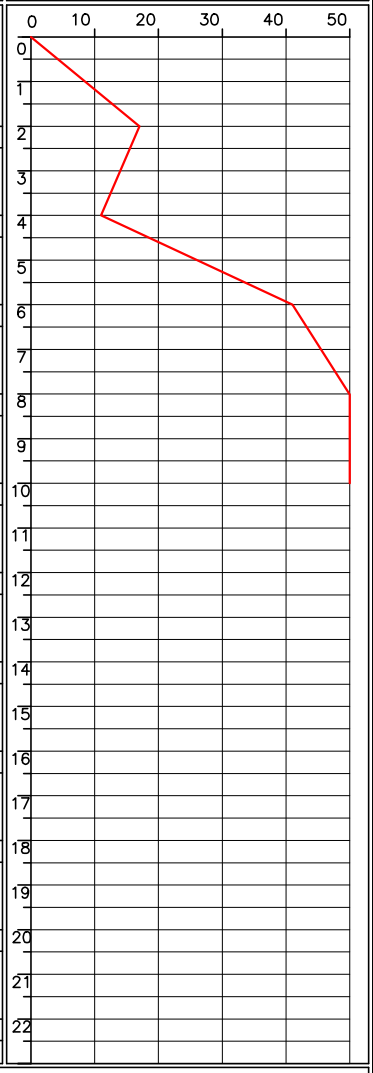
BORELOG 05

SHEET NO :

CLIENT : PT. DUTA BHUANA JAYA		TESTED BY : Ir. ASMARA BUDIMAN
PROJECT : RENCANA TEKNIK TERPERINCI BANDARA WAHAI		VERIFIED BY : Ir. HARJO SARJONO
LOCATION : BANDARA WAHAI, MALUKU TENGAH		
PROJECT NO :	BOREHOLE NO : DB – 05	WATER LEVEL : –
DRILLING DATE STARTED : 09 SEPTEMBER 2017	BOREHOLE DIA : 3 INCH	KOORDINAT UTM
DRILLING DATE COMPLETED : 13 SEPTEMBER 2017	CORE DIA :	NORTHING : 554412.673
PREPARED BY : EVAN S. TATURA	DRILLING METHOD : WASH DRILLING	EASTING : 9689731.333

Depth(m)	Test Type	Soil Visualization	N–1	N–2	N–3	N–SPT
0		Medium Stiff, Dry, Dark Brown, Medium Plasticity CLAY, Some fine Sand				
		Medium Dense, Dry, Light Brown, medium fine SAND, trace, Clay				
2	spt1	Medium Dense, Dry, Light Yellow, Sandy GRAVEL Trace Clay	5	7	10	17
4	spt2		4	5	6	11
6	spt3	Dense, Dry, Light Yellow, Sandy GRAVEL Trace Clay	16	19	22	41
8	spt4	Very Dense, Dry, Light Yellow, Sandy GRAVEL Trace Clay	20	24	28	52
10	spt5	End of boring Distincly weathered (DW), Light Yellow, Massive, Extremely low to low (EL to L)	24	27	33	60

Standart Penetration Test



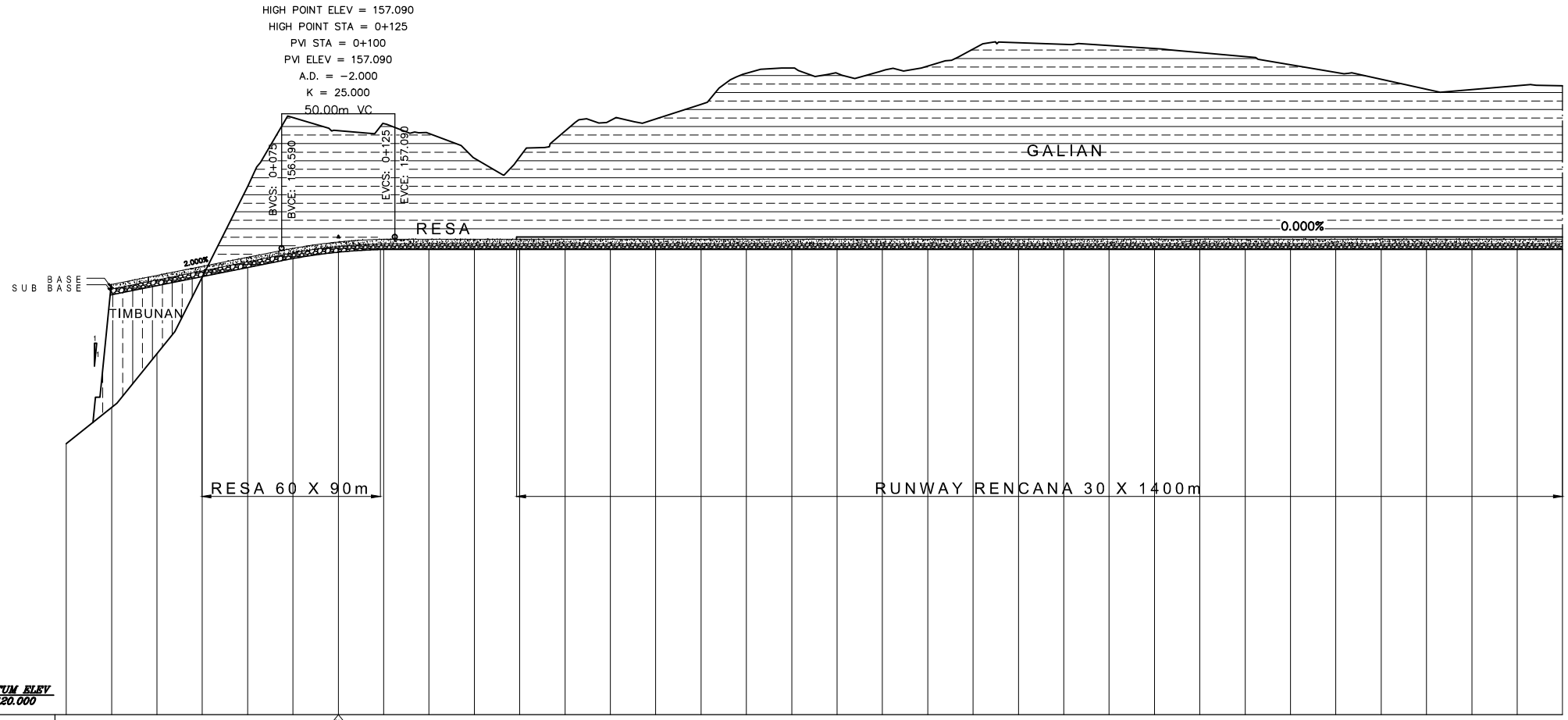
Legend : : Undisturb sample : Disturb sample

: Sand : Clay

: Gravel

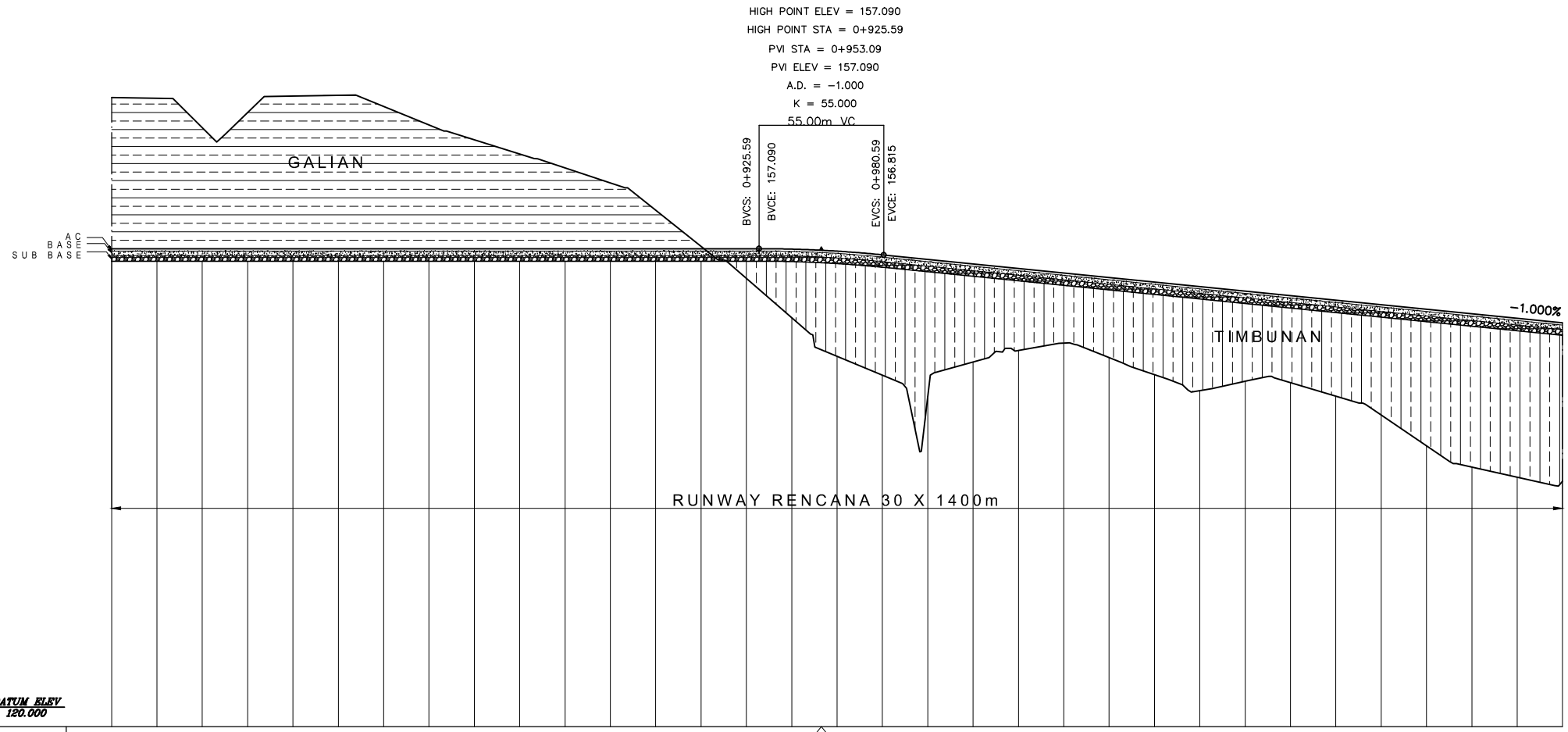
Ground Water Level (Measured from Ground Level)				
Date (dd/mm/yyyy)	Time (hh:mm)	Borehole Depth (m)	Cosing Depth (m)	Water Level (m)
10 / 09 / 2017	08.00	4	4	-
11 / 09 / 2017	08.00	6	6	-
12 / 09 / 2017	08.00	8	8	-

1. SPT SISTEM : RRC
2. HUMMER TYPE : DONUT
1. SPLIT SPOON SAMPLER : STANDART – NON LINER



SLOPE	S = 2.000 % L = 100 m					156.965																											S = 2.000 % L = 853.09 m
ELEVASI EKSISTING	149.560	151.933	155.321	159.311	162.352	161.779	162.092	161.653	160.558	160.619	161.752	162.221	162.294	162.932	164.309	164.540	164.308	164.420	164.622	165.378	165.654	165.584	165.532	165.402	165.220	165.045	164.682	164.343	164.044	163.601	163.588	163.759	163.760
ELEVASI RENCANA	155.090	155.490	155.890	156.290		156.965		157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090
STATION	0+000		0+040		0+080		0+120		0+160		0+200		0+240		0+280		0+320		0+360		0+400		0+440		0+480		0+520		0+560		0+600		0+640

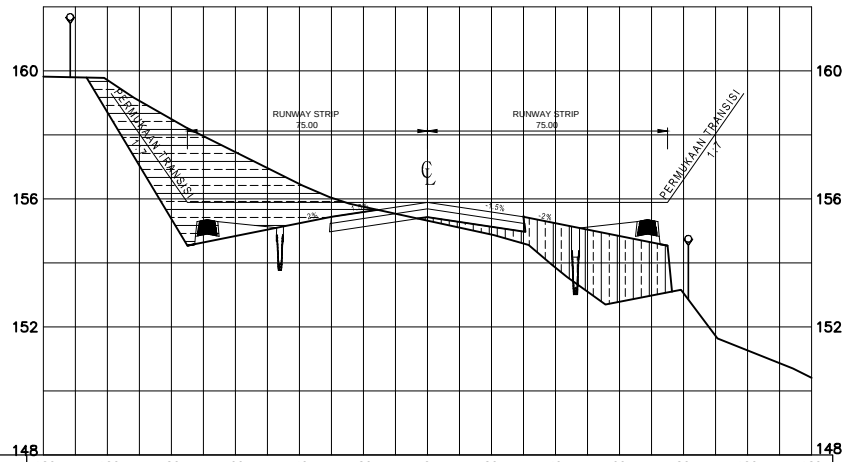
	PERENCANAAN SISI UDARA BANDAR UDARA WAHAI DI SERAM BAGIAN UTARA MALUKU	NAMA GAMBAR	NOMOR GAMBAR
	FURQAAN HARJANTO 30201403783 SULTON ERBOWO 30201403925	POTONGAN MEMANJANG RUNWAY RENCANA	1



SLOPE																	156.571																	S = -1.000 % L = 626.90 m
ELEVASI EKSISTING	163.760	163.726	162.424	163.096	163.819	163.850	163.360	162.545	161.891	161.264	160.651	159.992	158.789	157.192	155.784	154.054	152.343	151.512	150.566	152.093	152.609	152.932	152.286	151.535	150.829	151.248	151.184	150.587	149.763	148.402	147.467	147.021	146.835
ELEVASI RENCANA	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.090	157.036	156.571		156.621	156.421	156.221	156.021	155.821	155.621	155.421	155.221	155.021	154.821	154.621	154.421	154.221	154.021	153.821
STATION	0+640		0+680		0+720		0+760		0+800		0+840		0+880		0+920		0+960		1+000		1+040		1+080		1+120		1+160		1+200		1+240		1+280

	PERENCANAAN SISI UDARA BANDAR UDARA WAHAI DI SERAM BAGIAN UTARA MALUKU	NAMA GAMBAR	NOMOR GAMBAR
	FURQAAN HARJANTO 30201403783 SULTON ERBOWO 30201403925	POTONGAN MEMANJANG RUNWAY RENCANA	2

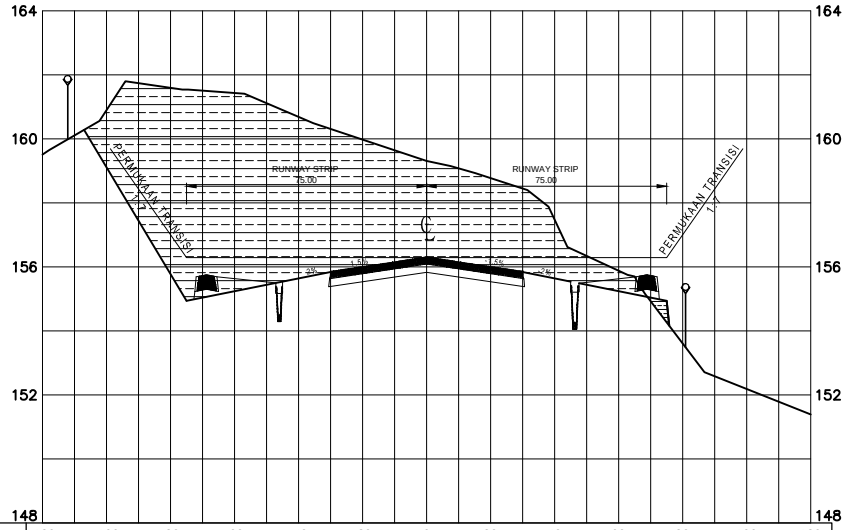
0+040



OFFSET	-120	-100	-80	-60	-40	-20	0	20	40	60	80	100	120
PROPOSED ELEVATIONS		159.788	158.706	157.039	155.372 154.539 154.639	154.839	155.039	155.239	155.439	155.589	155.739	155.890	155.739
EXSISTING ELEVATION	159.819	159.797	159.716	159.068	158.497	157.964	157.464	156.964	156.464	156.038	155.755	155.538	155.321

OFFSET	155.589	155.439	155.239	155.039	154.839	154.639 154.539 153.101							
PROPOSED ELEVATIONS	155.589	155.439	155.239	155.039	154.839	154.639 154.539 153.101							
EXSISTING ELEVATION	155.104	154.887	154.603	153.856	153.106	152.783	152.977	153.050	151.724	151.268	150.871	150.416	

0+060

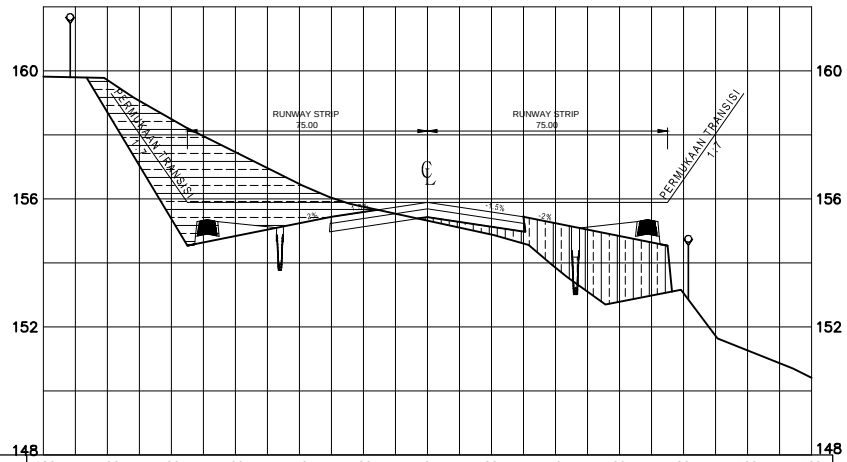


OFFSET	-120	-100	-80	-60	-40	-20	0	20	40	60	80	100	120
PROPOSED ELEVATIONS		160.283	159.107	157.440	155.773 154.940 155.040	155.240	155.440	155.640	155.840	155.990	156.140	156.290	156.140
EXSISTING ELEVATION	159.508	160.110	160.909	161.740	161.594	161.509	161.430	161.112	160.688	160.313	159.979	159.645	159.312

OFFSET	155.990	155.840	155.640	155.440	155.240	155.040 154.940							
PROPOSED ELEVATIONS	155.990	155.840	155.640	155.440	155.240	155.040 154.940							
EXSISTING ELEVATION	159.076	158.771	158.456	157.469	156.346	155.883	154.932	153.606	152.582	152.186	151.789	151.392	

	PERENCANAAN SISI UDARA BANDAR UDARA WAHAI DI SERAM BAGIAN UTARA MALUKU	NAMA GAMBAR	NOMOR GAMBAR
	FURQAAN HARJANTO 30201403783 SULTON ERBOWO 30201403925	POTONGAN MELINTANG RUNWAY RENCANA	5

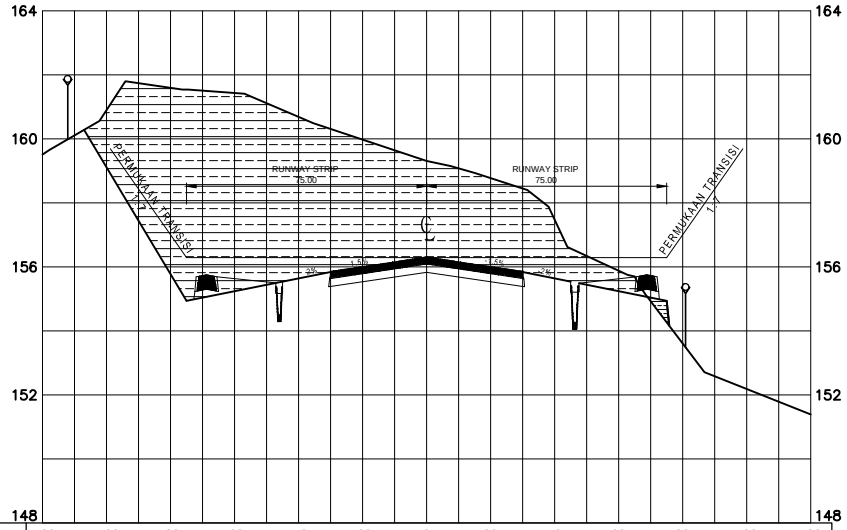
0+040



OFFSET	-120	-100	-80	-60	-40	-20	0	20	40	60	80	100	120
PROPOSED ELEVATIONS		159.788	158.706	157.039	155.372 154.539 154.639	154.839	155.039	155.239	155.439	155.589	155.739	155.890	155.739
EXSISTING ELEVATION	159.819	159.797	159.716	159.068	158.497	157.964	157.464	156.964	156.464	156.038	155.755	155.538	155.321

OFFSET	155.589	155.439	155.239	155.039	154.839	154.639 154.539 153.101							
PROPOSED ELEVATIONS	155.589	155.439	155.239	155.039	154.839	154.639 154.539 153.101							
EXSISTING ELEVATION	155.104	154.887	154.603	153.856	153.106	152.783	152.977	153.050	151.724	151.268	150.871	150.416	

0+060



OFFSET	-120	-100	-80	-60	-40	-20	0	20	40	60	80	100	120
PROPOSED ELEVATIONS		160.283	159.107	157.440	155.773 154.940 155.040	155.240	155.440	155.640	155.840	155.990	156.140	156.290	156.140
EXSISTING ELEVATION	159.508	160.110	160.909	161.740	161.594	161.509	161.430	161.112	160.688	160.313	159.979	159.645	159.312

OFFSET	155.990	155.840	155.640	155.440	155.240	155.040 154.940							
PROPOSED ELEVATIONS	155.990	155.840	155.640	155.440	155.240	155.040 154.940							
EXSISTING ELEVATION	159.076	158.771	158.456	157.469	156.346	155.883	154.932	153.606	152.582	152.186	151.789	151.392	

	PERENCANAAN SISI UDARA BANDAR UDARA WAHAI DI SERAM BAGIAN UTARA MALUKU	NAMA GAMBAR	NOMOR GAMBAR
	FURQAAN HARJANTO 30201403783 SULTON ERBOWO 30201403925	POTONGAN MELINTANG RUNWAY RENCANA	5