DRILL LOG

Hole No : B - 3

Sheet No. : 1 of 2

Project	**Railway Double Track, Notog Tunnel, Banyumas**			**Depth**	40 m	**Drill Rig**	UD-5
Site	Tunnel	**Coordinate**	X: Y:	**Inclination**	Vertical	**Drilled By**	Jumadi
Elevation	- Meter	**Date**	31-Dec **to** 4-Jan-17	**GWL**	-2 m	**Logged By**	Rosihan A.L

Date	Depth (m)	G.W.L	Elevation (m)	Formation	Column Section	Description	SPT N - Value (Number of Blows per 30 Cm Penetration)	Core Recovery (%)	RQD (%)	Lugeon / Permeability	Rock Classification	Core Barrel & Bit Type	Casing Pipe	Depth (m)
31-Dec-16	1–2					**0.0 ~ 2.0 m Surface Soil** silty CLAY, dark brown, stiff, medium plastic, moist. contain some roots		100, 100	0, 0	5.35E-05		SINGLE TUBE CORE BARREL	114 mm	1–2
31-Dec-16	3–5					**2.0 ~ 5.7 M BRECCIA** yellowish to dark brown, high to competely weathered, moist, low plastic, stiff to very stiff. andesite fragment		100, 100, 100	0, 0, 0	5.35E-05		SINGLE TUBE CORE BARREL	114 mm	3–5
31-Dec-16 / 1-Jan-17	6–16					**5.7 ~ 15.9 m SANDSTONE** dark grey, calcareous, alternation medium and coarse grained, bad sorted on coarse grained and good sorted on medium gained, angular to sub-angular mostly rough surface cracking cracking 6.4 (50°), 6.6 (75°), 7.8 (40°), 10.7 (70°), 12.5 (80°), 14.2 (60°), 14.6 (60°), 15.5 (75°)		100, 100, 95, 100, 100, 100, 100, 100, 100, 100, 100	30, 60, 40, 80, 60, 60, 70, 60, 50, 30, 30	1.06E-04, 6.37E-05	CL-CM	TRIPLE TUBE CORE BARREL		6–16
2-Jan-17	17–25					**15.9 ~ 40.0 m CLAYSTONE** light grey to greenish grey, calcareous (MARL), fresh, intercalated with sandstone SANDSTONE, dark grey, medium to coarse grained, bad sorted, calcareous contain some crack with smooth surface and found some slickenslide on depth 19.6 (70°) and 30.4 (60°) cracking 17.7 (70°), 18.5 (60°), 19.2 (50°), 20.2 (60°), 22.3 (30°), 22.8 (60°), 23.6 (70°), 24.4 (60°), 26.3 (55°), 26.5 (70°), 30.4 (60°), 32.2 (50°), 32.6 (40°), 33.7 (45°), 37.3 (70°), 37.5 (30°), 38.2 (45°), 38.6 (70°), 39.5 (70°)		100, 95, 100, 100, 95, 100, 95, 100, 95	30, 70, 30, 20, 40, 70, 30, 50, 60	7.84E-05, 5.73E-05	CL-CM	TRIPLE TUBE CORE BARREL		17–25

DRILL LOG

Hole No : B - 3

Project	**Railway Double Track, Notog Tunnel, Banyumas**			**Depth**	40 m	**Drill Rig**	UD-5
Site	Tunnel	**Coordinate**	X: Y:	**Inclination**	Vertical	**Drilled By**	Jumadi
Elevation	- Meter	**Date**	31-Dec **to** 4-Jan-17	**GWL**	-2 m	**Logged By**	Rosihan A.L

Date	Depth (m)	G.W.L	Elevation (m)	Formation	Column Section	Description	SPT N - Value (Number of Blows per 30 Cm Penetration)	Core Recovery (%)	RQD (%)	Lugeon / Permeability	Rock Classification	Core Barrel & Bit Type	Casing Pipe	Depth (m)
2-Jan-17	26					**15.9 ~ 40.0 m CLAYSTONE** light grey to greenish grey, calcareous (MARL), fresh, intercalated with sandstone SANDSTONE, dark grey, medium to coarse grained, bad sorted, calcareous contain some crack with smooth surface and found some slickenslide on depth 19.6 (70°) and 30.4 (60°) cracking 17.7 (70°), 18.5 (60°), 19.2 (50°), 20.2 (60°), 22.3 (30°), 22.8 (60°), 23.6 (70°), 24.4 (60°), 26.3 (55°), 26.5 (70°), 30.4 (60°), 32.2 (50°), 32.6 (40°), 33.7 (45°), 37.3 (70°), 37.5 (30°), 38.2 (45°), 38.6 (70°), 39.5 (70°)		100	0					26
	27							95	0					27
	28							100	80	5.15E-05				28
3-Jan-17	29							100	70					29
	30							100	70					30
	31							100	80					31
	32							100	70	6.05E-05	CL-CM	TRIPLE TUBE CORE BARREL		32
	33							100	50					33
	34							100	60					34
	35							95	60					35
	36							100	80					36
	37							100	70					37
	38							100	70	4.89E-05				38
4-Jan-17	39							95	50					39
	40							100	40					40
	41					**END OF DRILLING**								41
	42													42
	43													43
	44													44
	45													45
	46													46
	47													47
	48													48
	49													49
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