

GEOLOGICAL LOG OF CORE DRILL

Project: JICA Study Team: Landslide Protection **Page:** 1 / 3
Core Drill #: O-6 **Site Location:** Upper landslide near paved road **Ref. #:** R-1
Elevation: 985.00 **Inclination (Angle with respect to Horizontal):** Vertical (90°)
Log Elaborated by: Ing. Raul Flores Peñalba **Date:** November 19, 2001



R-1 0 00-06 00m



R-1 06 00-12 00m



R-1 12 00-18 00m

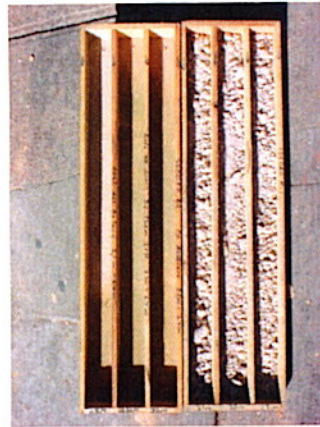
WATER CONTENT OF DRILLING		ELEVATION (M)	DRILL DEPTH (M)	GRAPHIC LOG	CLASSIFICATION AND PHYSICAL CONDITION (COLOR)
		985.00	0.00		
		984.00	1.00		Tuff, fractured / disintegrated rock, white color, with biotite - black mica
		983.00	2.00		
		982.00	3.00		Silty sand soil from tuff decomposition
		981.00	4.00		
		980.00	5.00		Tuff, fractured / disintegrated rock, white color, with biotite - black mica, nucleuses are small around 7-8 cm
		979.00	6.00		
		978.00	7.00		Tuff rock, better lithified, white color
		977.00	8.00		
		976.00	9.00		Silty sand soil from tuff decomposition
		975.00	10.00		Tuff rock, shattered
		974.00	11.00		
		973.00	12.00		
		972.00	13.00		Tuff rock, brownish color, but of similar constitution as previous
		971.00	14.00		
		970.00	15.00		

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R-1 12.00-18.00m



R-1 18.00-24.00m



R-1 24.00-30.00m

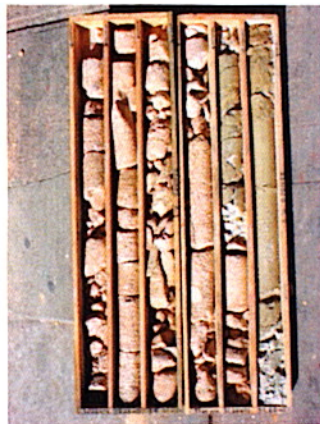
0.00 ~ 25.00m
Old Landslide deposits and col

25.00m ~
Tpm (tuff, Volcanic fragment)

WATER CONTENT END OF DRILLING	ELEVATION (M)	DRILL DEPTH (M)	GRAPHIC LOG	CLASSIFICATION AND PHYSICAL CONDITION (COLOR)
	970.00	15.00		Tuff rock, brownish color, but of similar constitution as previous
	954.00	16.00		
NOV.19 17.30	953.00	17.00		
	952.00	18.00		Tuff rock, shattered, white color
	951.00	19.00		
	950.00	20.00		
	949.00	21.00		
	948.00	22.00		No-recovery, possibly cavity or fine silty sand layer washed by water
	947.00	23.00		
	946.00	24.00		Silty sand soil of brown tuff constituency
	945.00	25.00		
	944.00	26.00		
	943.00	27.00		
	942.00	28.00		Tuff, more lithified, brownish color
	941.00	29.00		
	940.00	30.00		

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WATER CONTENT END OF DRILLING		ELEVATION (M)	DRILL DEPTH (M)	GRAPHIC LOG	CLASSIFICATION AND PHYSICAL CONDITION (COLOR)
		940.00	30.00		
		909.00	31.00		Tuff, more lithified, brownish color
		908.00	32.00		
		907.00	33.00		
		906.00	34.00		Tuff rock, white pinkish color; sandy silt matrix with increased fragments of volcanic origin up to 5 cm
		905.00	35.00		
		904.00	36.00		
		903.00	37.00		
		902.00	38.00		Tuff with less fragments, solid, white color, finer composition, less sand particles
		901.00	39.00		Bottom of Borehole

GEOLOGICAL LOG OF CORE DRILL

Project: JICA Study Team: Landslide Protection Page: 1 / 2
Core Drill #: O-8 Site Location: Soccer field, south end Ref. #: R-2
Elevation: 962.50 Inclination (Angle with respect to Horizontal): Vertical (90°)
Log Elaborated by: Ing. Raul Flores Peñalba Date: November 28, 2001

WATER CONTENT END OF DRILLING	ELEVATION (M)	DRILL DEPTH (M)	GRAPHIC LOG	CLASSIFICATION AND PHYSICAL CONDITION (COLOR)											
					0.50	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00
	962.50	0.00		Topsoil, gray color											
	961.50	1.00		Organic brown soil											
	960.50	2.00													
	959.50	3.00		Debris; area of rhyolite boulders with small lenses of silty sand material											
	958.50	4.00													
	957.50	5.00													
	956.50	6.00													
6.80	955.50	7.00													
	954.50	8.00													
	953.50	9.00													
	952.50	10.00													
	951.50	11.00													
	950.50	12.00													
	949.50	13.00													
	948.50	14.00													
	947.50	15.00													

3.00~18.00m
Old Landslide material

