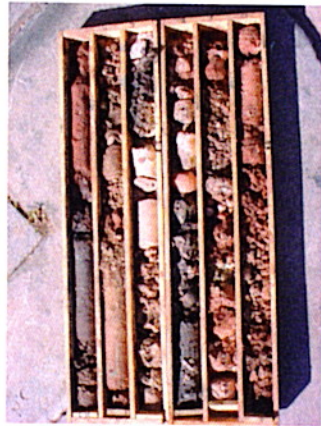
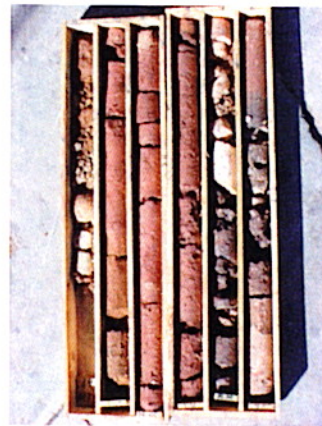


GEOLOGICAL LOG OF CORE DRILL

Project: JICA Study Team: Landslide Protection Page: 1 / 2
 Core Drill #: Y-7 Site Location: Colonia 14 de Febrero Ref. #: B-8
 Elevation: 939.70 Inclination (Angle with respect to Horizontal): Vertical (90°)
 Log Elaborated by: Ing. Raul Flores Peñalba Date: November 3, 2001



2.50~11.00m
organic contain detritus



11.00~19.65m
Detritus (sand, boulder)



WATER CONTENT END OF DRILLING	ELEVATION (m)	DRILL DEPTH (m)	GRAPHIC LOG	CLASSIFICATION AND PHYSICAL CONDITION (COLOR)
	939.70	0.00		
	938.70	1.00		Topsoil, with organic contamination, brown color
	937.70	2.00	
	936.70	3.00		
	935.70	4.00		
	934.70	5.00		
	933.70	6.00		Organic contamination with boulders maybe detritus
	932.70	7.00		
	931.70	8.00		
NOV.1 9.25	930.70	9.00		
	929.70	10.00		Clayey soil, red color with small pebbles
	928.70	11.00		
	927.70	12.00		
	926.70	13.00		
	925.70	14.00		Sand and boulder lens, clayey material with gravels
	924.70	15.00		

GEOLOGICAL LOG OF CORE DRILL

Project: JICA Study Team: Landslide Protection Page: 2 / 2
Core Drill #: Y-7 Site Location: Colonia 14 de Febrero Ref. #: B-8
Elevation: 939.70 Inclination (Angle with respect to Horizontal): Vertical (90°)
Log Elaborated by: Ing. Raul Flores Peñalba Date: November 3, 2001



20.00~
m
F. Rio Chiquito

24.50
shear

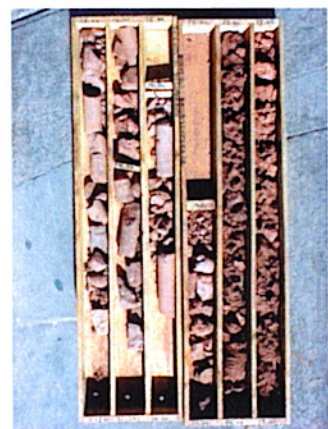
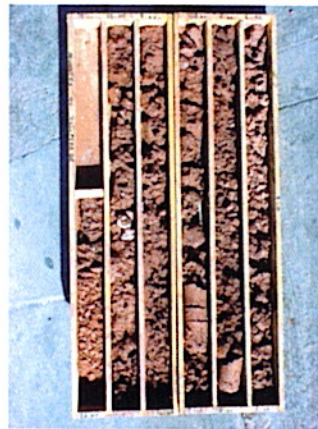
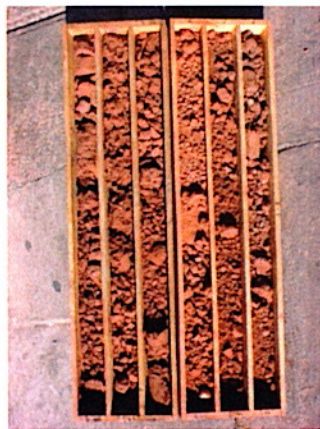
WATER CONTENT END OF DRILLING	ELEVATION (M)	DRILL DEPTH (M)	GRAPHIC LOG	CLASSIFICATION AND PHYSICAL CONDITION (COLOR)
	924.70	15.00	[Pattern]	
	908.70	16.00	[Pattern]	
	907.70	17.00	[Pattern]	
	906.70	18.00	[Pattern]	
19.00	905.70	19.00	[Pattern]	
	904.70	19.65 20.00	[Pattern]	
	903.70	21.00	[Pattern]	
	902.70	22.00	[Pattern]	
	901.70	23.00	[Pattern]	
	900.70	24.00	[Pattern]	
	899.70	25.00	[Pattern]	
				Bottom of Barhole

Deiftlus: area of rhyolite boulders interbedded within lenses of clay

Rock contact composed of lutite (shale) or sandstone due to small particles of quartz present on core, red color

GEOLOGICAL LOG OF CORE DRILL

Project: JICA Study Team: Landslide Protection **Page:** 1 / 2
Core Drill #: A-1 **Site Location:** Col. El Porvenir Facing IHSS **Ref. #:** B-9
Elevation: 940.60 **Inclination (Angle with respect to Horizontal):** Vertical (90°)
Log Elaborated by: Ing. Raul Flores Peñalba **Date:** November 6, 2001



0.00~14.50m Detritus

WATER CONTENT END OF DRILLING	ELEVATION (M)	DRILL DEPTH (M)	GRAPHIC LOG	CLASSIFICATION AND PHYSICAL CONDITION (COLOR)
	940.60	0.00		Topsail, fill material
	939.60	1.00		
	938.60	2.00		
	937.60	3.00		
	936.60	4.00		
NOV.2 4.80	935.60	5.00		
	934.60	6.00		
	933.60	7.00		
	932.60	8.00		
NOV.6 9.70	931.60	9.00		
	930.60	10.00		
	929.60	11.00		
	928.60	12.00		
	927.60	13.00		
	926.60	14.00		
	925.60	15.00		Rock contact with sandstone

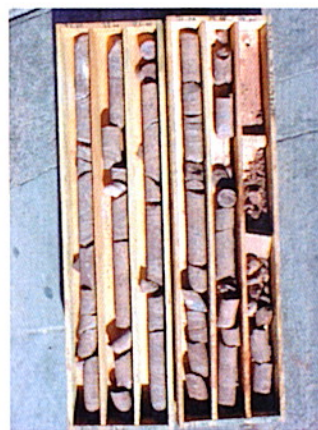
Red clayey soil with scattered gravels of rock material, possibly detritus of myolite rocks

GEOLOGICAL LOG OF CORE DRILL

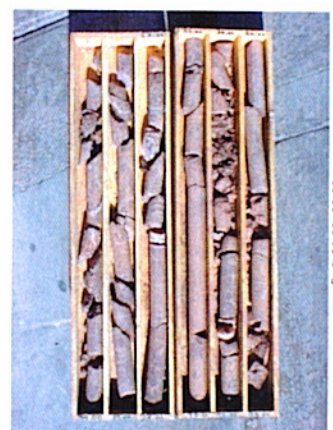
Project: JICA Study Team: Landslide Protection Page: 2 / 2
Core Drill #: A-1 Site Location: Col. El Pervenir facing IHSS Ref. #: B-9
Elevation: 940.60 **Inclination (Angle with respect to Horizontal):** Vertical (90°)
Log Elaborated by: Ing. Raul Flores Peñalba **Date:** November 6, 2001



14.50m~
F. Rio Chiquito



19.00m~
Sound Rock



WATER CONTENT OF DRILLING	ELEVATION (M)	DRILL DEPTH (M)	GRAPHIC LOG	CLASSIFICATION AND PHYSICAL CONDITION (COLOR)
	925.60	15.00		
	909.60	16.00		
	908.60	17.00		
	907.60	18.00		
	906.60	19.00		
	905.60	20.00		
	904.60	21.00		
	903.60	22.00		
	902.60	23.00		
	901.60	24.00		
	900.60	25.00		
	899.60	26.00		
	898.60	27.00		
	897.60	28.00		
	896.60	29.00		
	895.60	30.00		

Rock composed of lutite (shale) or sandstone due to small particles of quartz present on core, red color with white bands of gypsum