

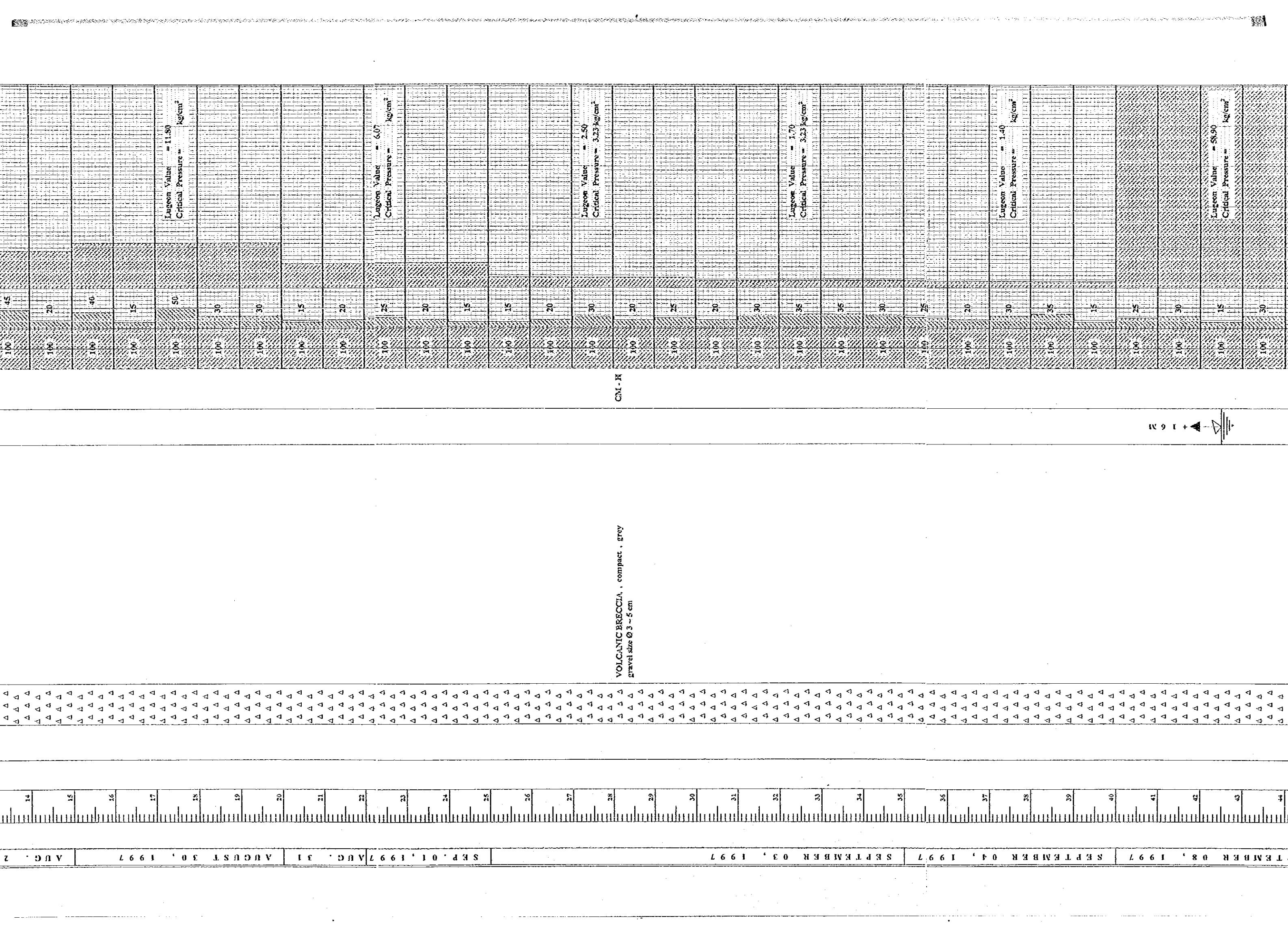


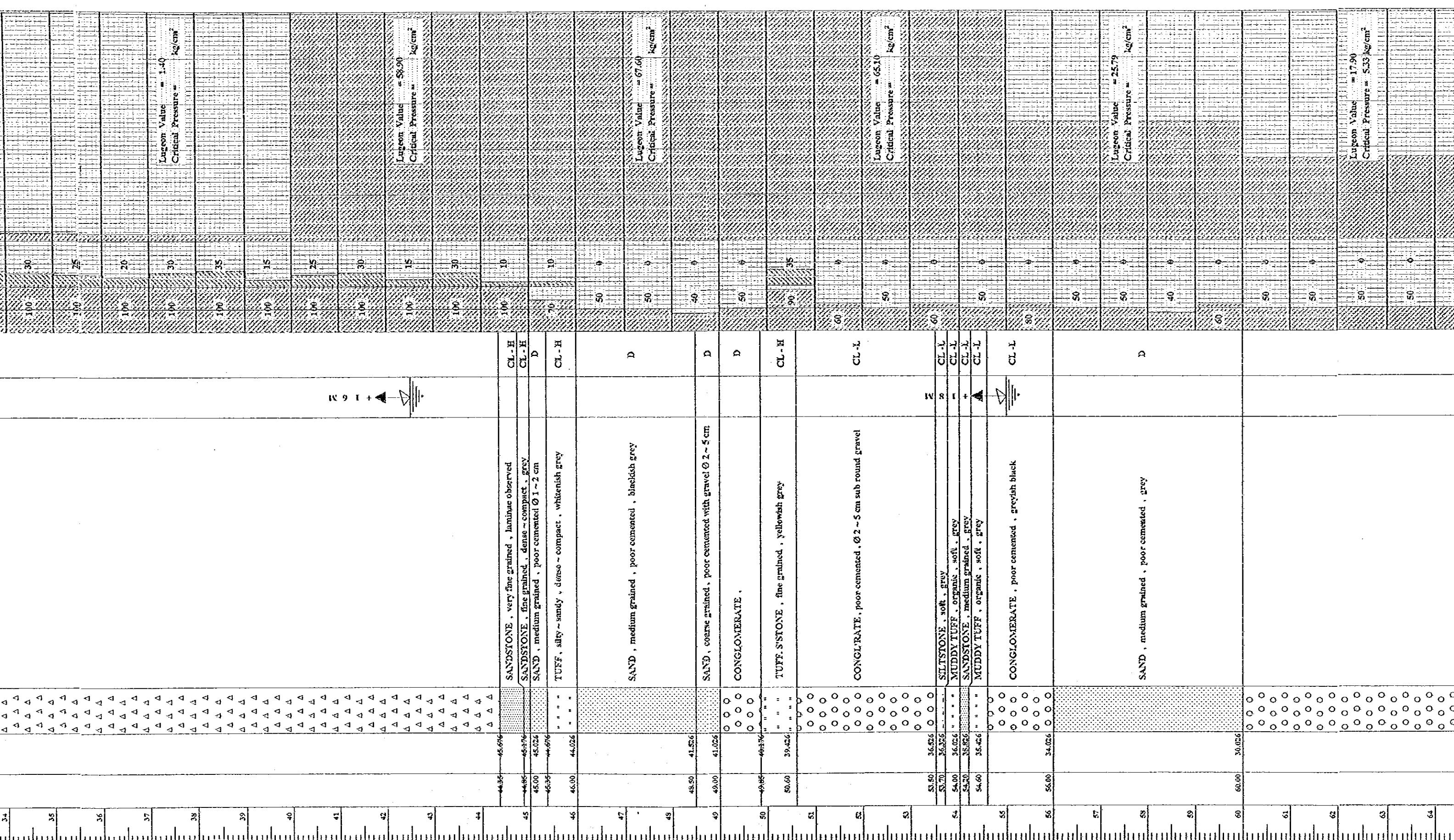
Fig. 1.1.7 DRILL LOG

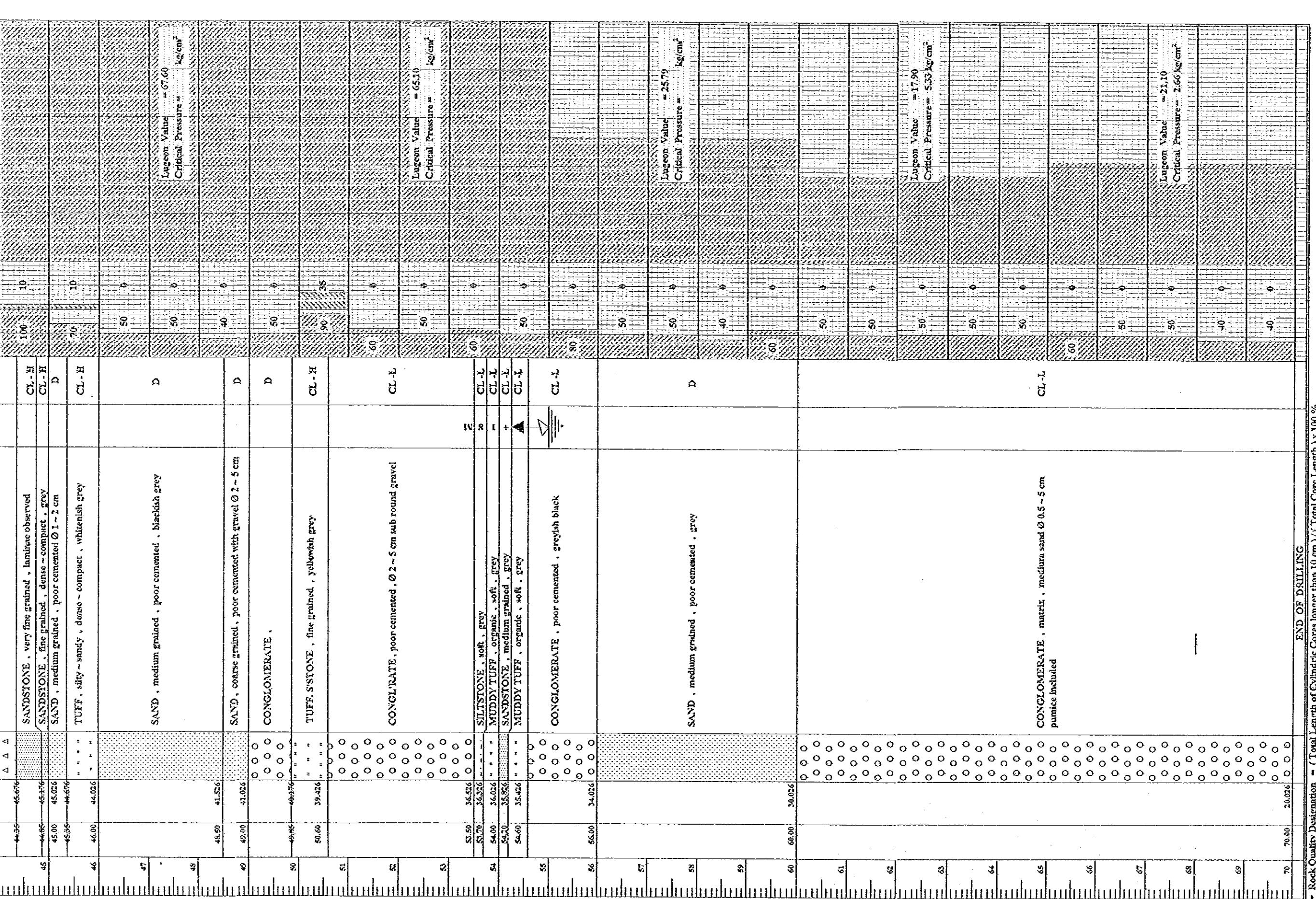
HOLE No. B - 8



PROJECT	JATIBARANG DAM		DEPTH	7000 M		ELEVATION	50026 M	
SITE	COORDINATE X: 922223 Y: 428296 Z: 050		INCLINATION	VERTICAL		DRILL RIG	STONE DD-5	
CLIENT	JICA		DRAINED BY	ABDUD SAFIY		LOGGED BY	DIDIK PRANOWO	
WATER PRESSURE TEST LUGEN VALUE								
DEPTH	COLUMN N SECTION	DESCRIPTION	CORE RECO VERY %	R Q D %				
1	1	RIVER DEPOSITE , sand & gravel ( loose )	50	50	0	10	20	30
2	2		50	50	0	10	20	30
3	3	TUFF, SANDSTONE , fine ~ very fine , soft , with pumice , brown	50	50	0	10	20	30
4	4	SANDSTONE , fine , grey	50	50	0	10	20	30
5	5	MUDDY TUFF , fine , soft , dark brown	50	50	0	10	20	30
6	6	SANDSTONE , medium grained , soft , brown	50	50	0	10	20	30
7	7		50	50	0	10	20	30
8	8	SANDY TUFF , soft~dense , brown	50	50	0	10	20	30
9	9		50	50	0	10	20	30
10	10	YUNICE TUFF , compact , light brown	50	50	0	10	20	30
11	11	H. W. VOLCANIC BRECCIA , grey	50	50	0	10	20	30
12	12	VOLCANIC BRECCIA , compact , grey	50	50	0	10	20	30
13	13		50	50	0	10	20	30
14	14		50	50	0	10	20	30
15	15		50	50	0	10	20	30
16	16		50	50	0	10	20	30
17	17		50	50	0	10	20	30
18	18		50	50	0	10	20	30
19	19		50	50	0	10	20	30
20	20		50	50	0	10	20	30
21	21		50	50	0	10	20	30
22	22		50	50	0	10	20	30
23	23		50	50	0	10	20	30
24	24		50	50	0	10	20	30
25	25		50	50	0	10	20	30
26	26		50	50	0	10	20	30
27	27		50	50	0	10	20	30
28	28		50	50	0	10	20	30
29	29		50	50	0	10	20	30
30	30		50	50	0	10	20	30
31	31		50	50	0	10	20	30







\* R.Q.D. = Rock Quality Designation = (Total Length of Cylindrical Cores longer than 10 cm) / (Total Core Length) x 100 %

\* LUGEON VALUE is lbf/inch<sup>2</sup> under injection water pressure by 10 kgf/cm<sup>2</sup>

\* G.W.L. = Ground Water Level = Height of Spring Water

END OF DRILLING

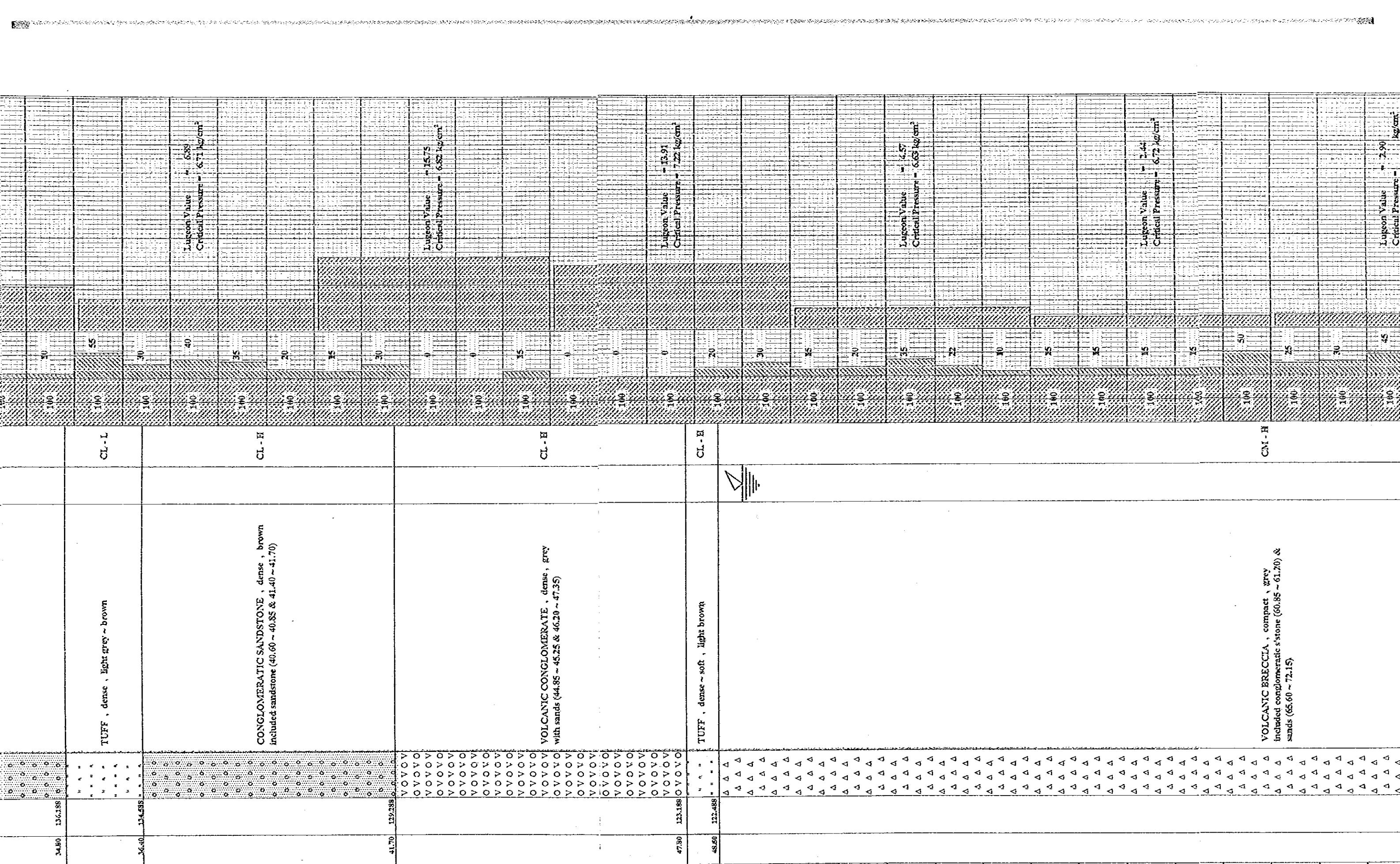
**Fig. 1.1.8 DRILL LOG**

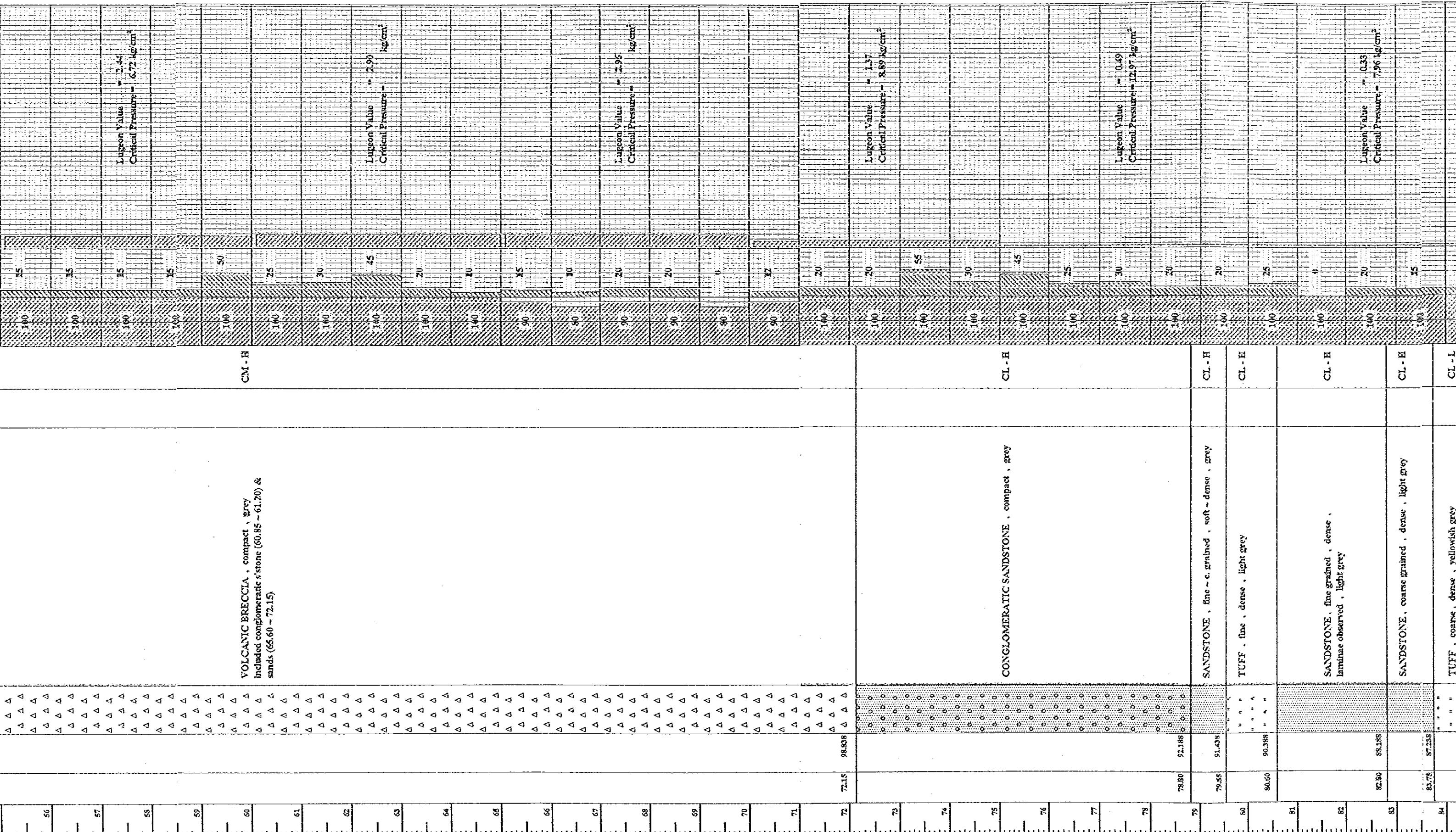
HOLE No. B - 9

PROJECT	JIJIBARANG DAM	DEPTH	3000 M.	ELEVATION	740.988
SITE COORDINATE	X: 222.30 Y: 041.720 Z: 423.094	INCLINATION	VERTICAL	DRILL RIG	TOKO
DAWISITE	DATE: NOVEMBER 05, 1997	LOGGED BY	DIDIK PRAKOWO		
CLIENT	LIC/2	DRILLED BY	BASORO		
DEPTH	COLUMN SECTION	DESCRIPTION	WATER LEVEL	ROCK GRADE	WATER PRESSURE TEST LUGEON VALUE
0.50	170.488	TOP SOIL , soft , brown		50% RECO VERY %	50
1				50% RECO VERY %	50
2				50% RECO VERY %	50
3				50% RECO VERY %	50
4		SANDY TUFF , soft , light brown		50% RECO VERY %	50
5				50% RECO VERY %	50
6				50% RECO VERY %	50
7	7.15	163.838		50% RECO VERY %	50
8				50% RECO VERY %	50
9	9.35	161.638		50% RECO VERY %	50
10				50% RECO VERY %	50
11				50% RECO VERY %	50
12		TUFF-SANDSTONE , soft ~ dense , brownish grey	D	50% RECO VERY %	50
13			D	50% RECO VERY %	50
14			D	50% RECO VERY %	50
15			D	50% RECO VERY %	50
16	14.60	156.398		50% RECO VERY %	50
17				50% RECO VERY %	50
18		TUFF , soft ~ dense , light brown with conglomerate (15.90 ~ 16.00)	CL-L	50% RECO VERY %	50
19			CL-L	50% RECO VERY %	50
20				50% RECO VERY %	50
21				50% RECO VERY %	50
					18

NOVEMBER 05, 1997







67				Lugon Value = 2.96 Critical Pressure = 3.89 kg/cm <sup>2</sup>		
68						
69						
70						
71						
72	72.15	98.688				
73				Lugon Value = 1.37 Critical Pressure = 3.89 kg/cm <sup>2</sup>		
74						
75						
76						
77						
78						
79				Lugon Value = 0.49 Critical Pressure = 12.97 kg/cm <sup>2</sup>		
80						
81						
82						
83						
84						
85						
86						
87						
88						
89						
90						

\* R.Q.D. = Rock Quality Designation = (Total Length of Cylindrical Cores longer than 10 cm) / (Total Core Length) x 100 %  
 \* LUGON VALUE is determined under injection water pressure by 10 kN/cm<sup>2</sup>  
 \* G.W.L. = Ground Water Level = Height of Spring Water

END OF DRILLING