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PROJECT : GATEWAY ARTERIAL DUPLICATION
LOCATION : 35730.5 E, 48799.6 N
PROJECT No : MGO246 SURFACE R.L. : 2.26 DRILLER : R & D - Ron Newman
JOB No : DATUM : AHD DATE DRILLED : 4/2/94

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE DRILLING CASING OTHER	RQD (%) CORE REC%	CORE LOSS	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	2.26				FILL Sand and gravel. drillers logs only.						
1	0.76				SILTY CLAY Dark grey, organic, very soft, moist alluvium. Highly plastic.					Su=17.3kPa MC=99.0% WD=1.44t/m3 LL=69.4% PI=36.6% organic content=7.90%	FSV U99
2						CH				Su=14.5kPa MC=70.4% WD=1.62t/m3 LL=63.4% PI=33.4%	FSV U99
3										Su=15.0kPa MC=67.8% WD=1.60t/m3 C=17.0kPa O=2.0 LL=59.2% PI=34.2% organic content=7.05%	FSV U99
4										Su=18.2kPa	FSV
5	-2.74				SANDY CLAY Grey to brown, stiff, moist alluvium. Sand fraction fine to medium grained.					MC=64.4% WD=1.62t/m3 LL=56.4% PI=33.8%	U99
6	-4.04					CL				Su>>41.0kPa	FSV
7					CLAYEY GRAVEL Mottled grey and brown, moist, very dense alluvium. gravel fine to coarse grained.					2, 4, 6 N = 10	SPT
8						GC				21, 29, 28 N = 57	SPT
9	-6.74				BRECCIA FINE TO MEDIUM GRAINED WITH ANGULAR CLASTS OF METAVOLCANICS AND ARGILLITE.					9, 15, 35 N = 50	SPT
10	-7.74					XW					

REMARKS : WD=Wet density

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ENGINEERING BORELOG

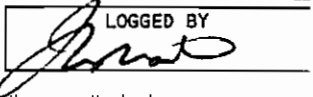
[FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F873 NOV/87]

BOREHOLE No : 25
SHEET : 2 OF 2
REFERENCE No : H7381

PROJECT : GATEWAY ARTERIAL DUPLICATION
LOCATION : 35730.5 E, 48799.6 N
PROJECT No : MG0246 SURFACE R.L. : 2.26 DRILLER : R & D - Ron Newman
JOB No : DATUM : AHD DATE DRILLED : 4/2/94

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CASING OTHER	RQD (%) CORE REC%	CORE LOSS	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH					DEFECT SPACING (mm)				GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
							EH	VH	H	M	LV	20	60	200	600			
10	-7.74				BRECCIA Reddish brown with engineering propeties of a hard silty clay. Rock structure clearly visible.	XW										10, 20, 26 N = 46	SPT	
11																	10, 15, 20 N = 35	SPT
12					Reddish brown, foliation dips at 40° Defects sets are present along foliation and at 20°. Defect planes thinly clay coated.	MW										clayey band		
13	-11.14																	
14			100															
15			100															
16	-14.07		100															
17					END OF HOLE													
18																		
19																		
20																		

REMARKS :

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GATEWAY DUPLICATION - DEAGON G.I.

HOLE 25
START
13-4 M

H 7381
1 OF 1
FEBRUARY 1994

