

GEOMECHANICAL PROPERTIES LOG

020216
HOLE ID 96-GM-03

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Core Size NR

Date SEPT 29-30 / 196

Logged By PERRY NOWLAN

DEPTH TO (m)	LENGTH OF RUN	LITH.	RECOVERY		RQD		NO. OF FRACTURES		JOINT COND.	DEG. OF BREAK.	ALT/N/ WEATH.	HDN.	COMMENTS
			LENGTH	(%)	LENGTH	(%)							
91													CASING
106			13.1		1.0		25+	2	1.2	BT		R2	
116			6.3		0		010+	1	1.0	B+		R2	
134			11.9		2.5		34+	5	1.5	C-		R3	
140			4.5		0		015+	1	1.5	B+		R1	
149			7.3		0		18+	1	1.5	B+		R1	
158			5.1		0		20+	2	1.5	B, A		R1	
178			8.8		2.0		37+	4	2.0	B+		R1	
201			21.5		2.1		84	5	2.0	B+		R1	
221			16.5		1.2		50+	2	1.5	B+		R0	
230			7.9		1.0		2.8	1	2.0	B+		R2	
247			14.1		2.3		3.7	2	2.0	C-		R2	
270			20.5		2.5		5.3	8	1.5	C-		R2	
276			4.0		0		015+	0	1.5	A+		R0	
296			16.5		4.3		136+	1	1.0	A+		R0	GONGE
326			29.7		9.9		56+	4	1.2	A+		R0	
343			14.1		4.0		30+	4	1.0	A+		R0	GONGE
369			23.4		3.1		30+	3	2.5	A+		R0	
386			15.8		3.2		3.8	1	2.0	B+		R1	
407			13.6		0		050+	0	1.5	A+		R0	
424			14.6		0		032+	2	1.0	B+		R2	
454			28.3		6.9		49	7	2.0	C		R0	
485			29.1		6.6		61	5	1.5	A+		R0	
515			26.5		9.2		20+	3	1.0	A+		R0	GONGE
545			30.3		7.4		64	4	1.0	A+		R0	GONGE
576			29.7		9.8		5.2	2	2.0	C-		R	



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DEPTH TO (m)	LENGTH OF RUN	LITH.	RECOVERY		RQD		NO. OF FRACTURES		JOINT COND.	DEG. OF BREAK.	ALTN / WEATH.	HDN.	COMMENTS
			LENGTH	(%)	LENGTH	(%)							
6.07			2.8	2	1.6	5	54	3	15	A+		R0	
6.31			1.4	0	0	0	50	1	5	A+		R0	
6.55			2.0	8	5.0	5	54	3	5	A+		R0	
6.86			2.9	8	7.0	6	60	2	15	C+		R1	
7.16			2.3	6	6.6	6	80	2	5	A+		R0	
7.28			6.8	0	0	0	50	6	10	A+		R0	
7.39			5.6	0	0	0	50	8	5	A+		R0	
7.59			1.9	2	1.0	2	35	9	12	C+		R0	
7.77			1.7	2	3.1	3	36	6	10	A+		R0	
8.08			2.9	7	5.8	4	45	5	15	C+		R2	
8.21			9.9	2	2.6	2	26	1	15	A		R0	
8.37			1.3	4	3.7	3	50	6	10	A+		R1	
8.69			2.9	5	1.3	5	42	2	15	C+		R2	
8.92			2.3	0	4.9	4	4.6	5	10	A+		R0	
9.11			1.9	4	3.6	3	3.5	4	10	A+		R0	
9.24			9.2	0	0	0	2.9	2	12	A+		R0	
9.42			1.7	4	3.0	3	53	3	10	A+		R0	
9.59			1.7	5	1.0	1	50	8	10	A		R0	
9.78			1.9	0	7.0	7	30	3	15	C		R1	
1.003			2.0	9	9.1	9	38	4	10	A+		R0	
1.033			2.7	3	1.0	9	6.2	8	12	A		R0	
1.064			2.8	8	1.0	0	53	6	10	C		R1	
1.091			9.0	0	0	0	28	2	0	A		R0	} FAULT ZONE
1.125			1.8	6	2.6	2	50	1	0	A		R0	
1.155			2.6	2	9.4	9	35	1	10	A		R0	
1.183			2.0	4	0	0	50	6	12	A+		R0	



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DEPTH TO (m)	LENGTH OF RUN	LITH.	RECOVERY		RQD		NO. OF FRACTURES		JOINT COND.	DEG. OF BREAK.	ALTN/ WEATH.	HDN.	COMMENTS
			LENGTH	(%)	LENGTH	(%)							
12.13			3.09		.82		5.1	1.0	2.0	C		R3	
12.37			2.35		.86		4.3	4	5	CT		R2	
12.62			2.01		0	0	5.5	9	5	AT		R0	
12.74			1.35		1.0		2.9	6	0	A		R0	FAULT
13.05			2.96		1.83		3.6	4	2.0	D-		R2	
13.35			2.98		.83		4.9	3	2.0	AT		R0	
13.66			3.02		1.41		4.7	4	5	AT		R0	
13.96			3.01		2.48		2.6	2	2.0	DT		R4	
14.30			2.97		2.00		2.4	2	2.0	D		R4	
14.57			3.05		2.88		2.6	1	2.2	DT		R4	
14.87			3.14		1.39		3.8	7	2.0	C		R1	
14.97			.84		0	0	1.5	0	1.0	A		R0	FAULT
15.06			.37		0	0	0.5	0	1.5	AT		R1	GRAVEL
15.18			.58		1.0	0	0.5	0	1.5	AT		R1	GRAVEL
15.24			.40		0	0	0.5	0	1.0	AT		R1	GRAVEL
15.36			.28		0	0	0.5	0	1.0	AT		R1	GRAVEL
15.42			.42		0	0	0.5	0	1.0	AT		R1	GRAVEL
15.61			1.37		0	0	0.5	0	1.5	AT		R0	
15.72			.29		0	0	0.5	0	0	A		R0	FAULT
15.82			.34		0	0	0.5	0	1.0	A		R0	FAULT
16.00			1.42		0	0	0.5	0	1.5	A		R1	
16.12			0		0	0	0	0	0	0		0	NO RECOVERY
16.18			.5		0	0	1.0	0	1.5	A		R5	GRAVEL
16.25			.3		0	0	1.0	0	1.5	A		R5	GRAVEL
16.31			0		0	0	0	0	0	0		0	NO RECOVERY
16.40			.13		0	0	0.5	0	0	AT		R0	FAULT

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DEPTH TO (m)	LENGTH OF RUN	LITH.	RECOVERY		RQD		NO. OF FRACTURES		JOINT COND.	DEG. OF BREAK.	ALTN / WEATH.	HDN.	COMMENTS
			LENGTH	(%)	LENGTH	(%)							
1.672			30.1		1.11		52+	2	10	A+		R0	
1.695			20.9		.72		50+	8	5	A+		R0	
1.704			8.2		.0		050+	5+	10	A		R0	FAULT GOUGE
1.719			11.8		.0		050+		10	A		R0	FAULT
1.750			30.0		3.4		70+	10	10	A		R1	
1.780			27.1		9.8		4.7	6	10	A+		R0	FAULT.
1.807			24.0		11.0		3.7	3	12	C+		R2	
1.838			29.8		11.3		4.0	11	10	C		R1	
1.868			30.6		20.4		3.5	4	20	D		R3	
1.899			31.0		23.1		2.5	2	20	D+		R2	
1.929			29.9		15.7		3.6	8	22	D-		R3	
1.960			29.2		21.2		3.0	5	20	C+		R0	
1.990			30.5		23.0		2.5	2	15	A+		R0	
2.021			29.7		21.7		3.1	7	20	D+		R0	
2.051			30.3		22.6		2.9	4	20	D+		R3	
2.082			30.0		15.0		3.5	5	10	C		R0	FAULT.
2.112			28.8		20.8		2.7	3	20	D+		R2	
2.143			30.5		17.3		2.8	9	22	D-		R3	
2.173			30.9		13.8		3.7	8	22	C+		R3	
2.192			21.4		3.4		4.0	4	20	C-		R0	
2.198			3.7		.0		050+	3+	10	A+		R1	
2.219			1.70		.30		50+	6	5	B+		R0	
2.251			29.4		11.7		50+	3	10	A+		R0	GOUGE
2.270			14.0		.0		050+	10+	10	A+		R0	GOUGE