

REPUBLIC OF SIERRA LEONE

AFRICAN MINERALS PROJECT

REPORT

ON

1NO. BOREHOLE DRILIING AT MAKENI CAMP 3

PREPARED BY:
EDAL DRILLING COMPANY LTD.
49 WATERLOO STREET
SIERRA LEONE
FREETOWN
Tel: 076-204816

MARCH 2010

DAILY LOG FOR DRILLING SUPERVISION

CONTRACT		WELL NO		1		DATE		22/03/2010	
LOCATION/CODE				CONTRACTOR		EDAL DRILLING COMPANY LIMITED			
TIME		START OF WORKING HR		END OF WORKING HR		WEATHER		SUNNY	
DATE		22/03/2010				DURATION OF RAIN			
DEPTH OF HOLE(m)				66		COMMUNITY		MAKENI CAMP 3	
DEPTH Cased (m)				21		GEOPHYSICS		CASIBH2GW	
REF. POINT									
LITHOLOGICAL BOUNDARIES AND SAMPLES OF FORMATION									
DEPTH OF CONTACT ZONE		DRILLING PROCESS			DESCRIPTION OF FORMATION			YIELD	
REMARKS (Drilling Methods Including Change of Bit)									
DEPTH	SAMPLE	FROM	TO	SPEED (M/MIN)					
0	4	10:34	10:37	1.3333	(0-7)m AIR DRILLING WITH 304.8mm (12") STAR BIT				
4	9	10:39	10:40	5	(4-10)m YELLOWISH-GREY SANDY-CLAY SOIL				
9	14	16:44	16:47	1.6667	(10-22)m PINK-GREY COMPLETELY WEATHERED GRANITE				
14	19	17:15	17:20	1	"				
19	21	17:26	17:29		"				
21	26	8:48	9:27		(22-40)m PINK-GREY SLIGHTLY WEATHERED GRANITE				
26	31	9:49	10:37		"				
31	36	10:50	11:43		"				
36	41	11:46	12:49		"				
41	46	1:21	2:27		(40-66)m NK-GREY FRESH GRANITE				
46	51	2:32	3:47		"				
51	56	3:51	5:06		"				
56	61	9:11	10:24		"				
61	66	10:28	11:50		"				
CONDUCTIVITY m/cm		pH		Static Water Level		AQUIFER ZONE(S)			

App.9-2.1

EDAL DRILLING COMPANY LIMITED

BOREHOLE DEVELOPMENT FORM

PROJECT: African Mineral B.Hs Drilling

Date: 25 March, 2010

Community: Makeni Camp3

Area Council: _____

UTM Co-ordinates: N 0984717

E 0822349

Geophysics Ref. No. CASI BH2GW

Depth(m): 66

Static Water Level(m) : 3.57

Total time of Development: 2 Hours 36 minutes

Time		Position of pipe BGL (m)	Yield (l/m)	Pressure bar	Observations
From	To				
09 : 20	09 : 39	50	48	220	Very dirty water with sediments flushed out
10 : 00	11 : 02	55	48	220	Cloudy water with particles of sand flushed out
12 : 24	13 : 39	63	48	220	Crystal water flushed out

Client's Signature: _____

Date: _____

African Minerals Ltd

Contractor's Signature: _____

Date: _____

CEMMATS/EDAL