



MARKHAPUR

COMPANY	: SHIVDRILLES	OTHER SERVICES:
WELL	: MARKHAPUR	DEPTH
FIELD	: HARAKH	SCALE
COUNTY	: INDIA	1:200
STATE	: UP	

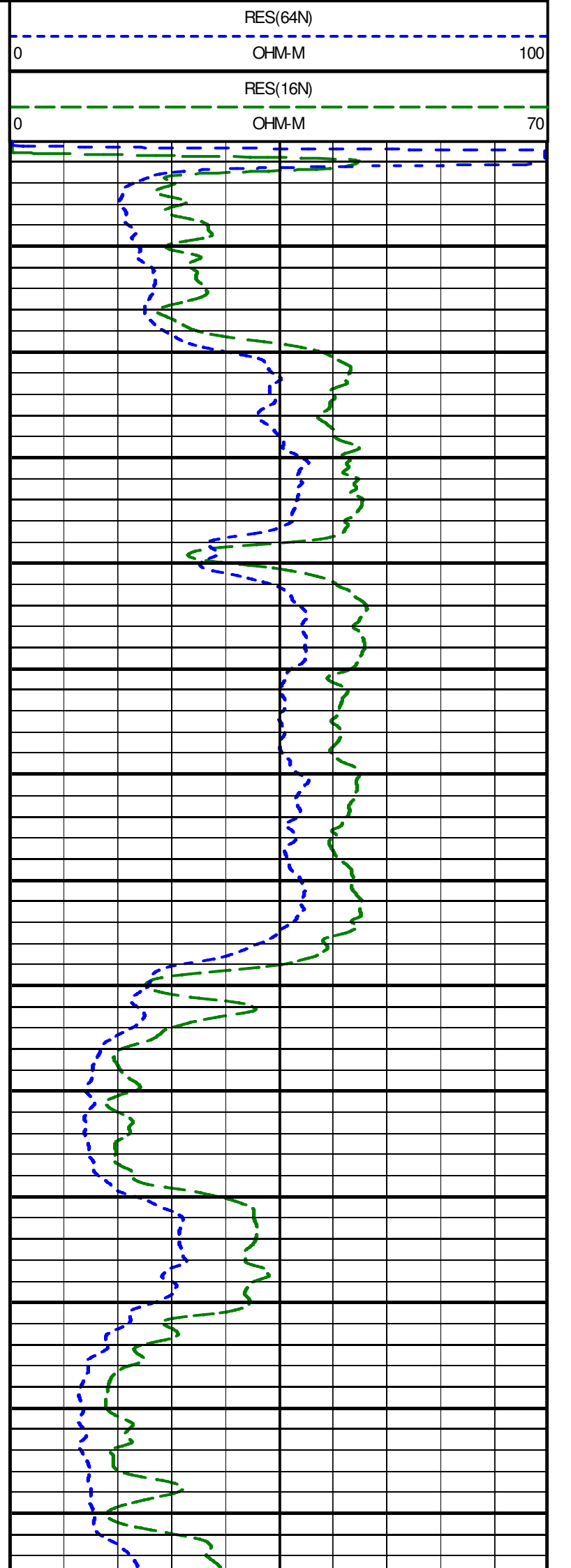
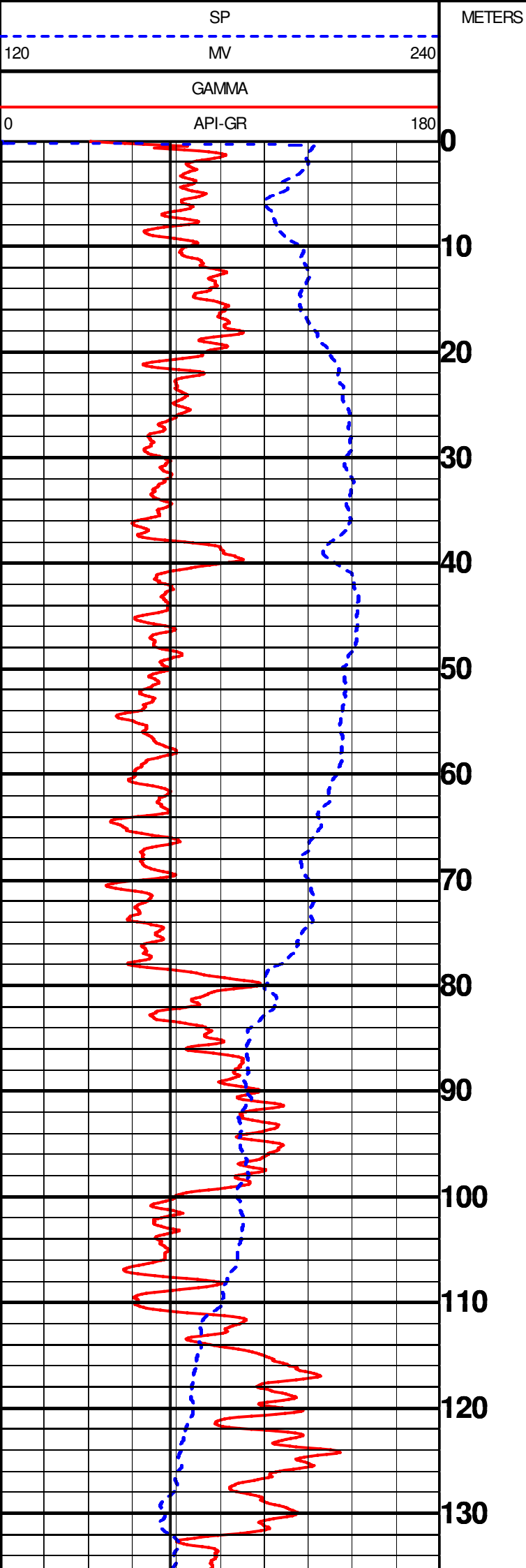
LOCATION	:
SECTION	:
TOWNSHIP	:
RANGE	:
API NO.	:
UNIQUE WELL ID.	:

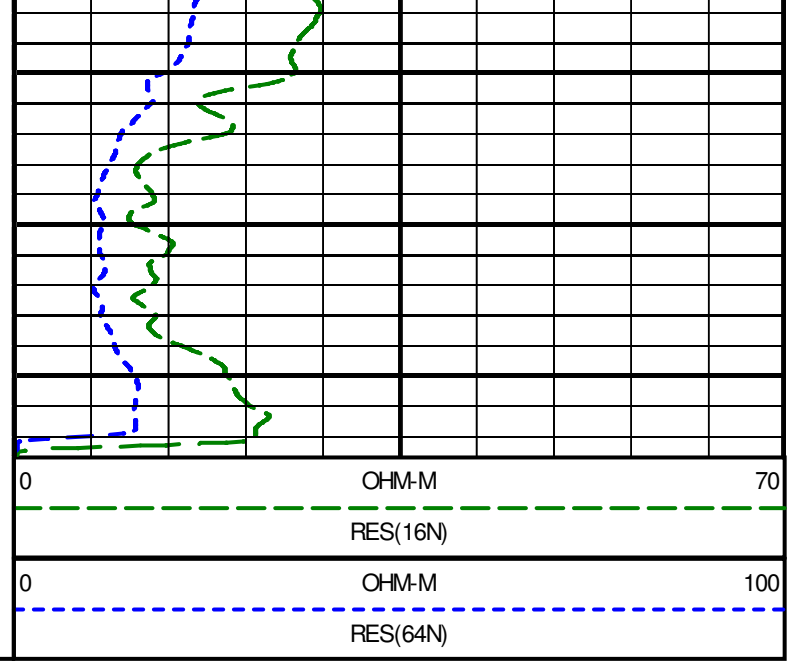
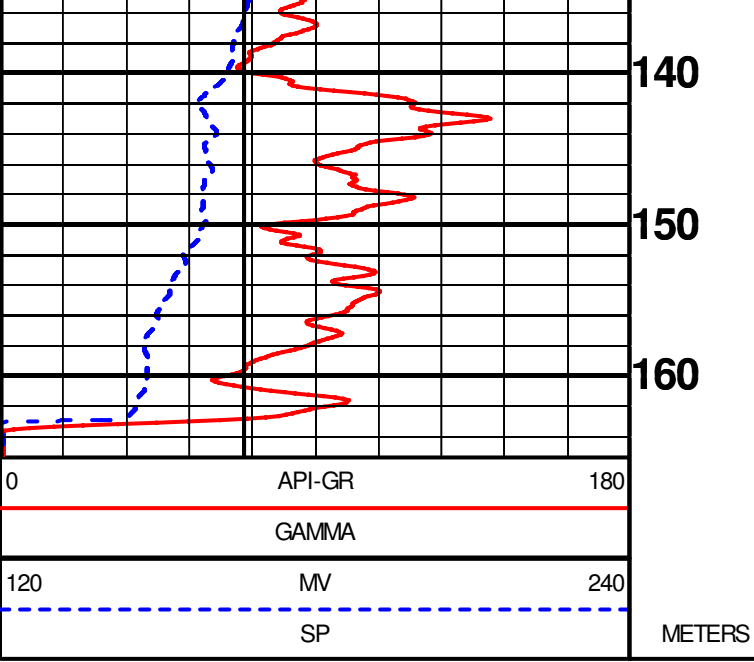
PERMANENT DATUM	: MSL	ELEVATION KB	: 1.7
LOG MEASURED FROM:	GL	ELEVATION DF	:
DRL MEASURED FROM:	GL	ELEVATION GL	: 4

DATE	: 03/29/23	RIG NUMBER	:
DEPTH DRILLER	: 167	LOGGER TD	:
BIT SIZE	: 12	ARRIVAL TIME	:
LOG TOP	: 0.07	DEPARTURE TIME:	
LOG BOTTOM	: 165.29	CIRC STOPPED	: 12:00

CASING OD	:
CASING BOTTOM	: 0
CASING TYPE	:
BOREHOLE FLUID	: WATER
RM TEMPERATURE	:
MUD RES	:
MUD WEIGHT	: NA
WITNESSED BY	: SHIV DRILLERS
RECORDED BY	: ASHOK
REMARKS 1	:
REMARKS 2	:

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS







GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	MARKHAPUR	DATE OF LOGGING:	29.03.2023
BLOCK:	HARAKH	DRILLING DEPTH:	167.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	165.29M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
Rm	0.481ohm/m	Rw	0.384ohm/m
DISTRIC	BARABANKI		

AQUIFER:-

The depth zones with high resistivity and relatively low Natural Gamma radioactivity values are referred as Aquifer Zones.

CLAY:-

The depth zones with less resistivity and relatively high Natural Gamma radioactivity values are referred as Clay zones.

NOTE:- These values are only indicative. The thin clay or sand layer does not reveal its actual resistivity value

Sl. No.	Depth		Thickness (m)	Inferred lithology	Remark(Quality of Aquifer Water)
	From (m)	To (m)			
1	0	4	4	Top Soil	
2	4	7	3	Fine grain sand	Medium
3	7	11	4	Medium to fine grain sand	Good
4	11	20	9	Clay with sand	
5	20	26.5	6.5	Fine grain sand	Medium
6	26.5	37	10.5	Medium grain sand	Good
7	37	41.5	4.5	Clay	
8	41.5	77	35.5	Medium grain sand	Good
9	77	82	5	Fine sediment	
10	82	84	2	Medium grain sand	Good
11	84	100	16	Clay with sand	
12	100	110	10	Medium to fine grain sand	Good
13	110	133	23	Clay with sand	
14	133	140	7	Medium grain sand	Good
15	140	164	24	Clay with sand	

NOTE:-

1. ALL zones has intermixed with thin band of kankar

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

CC;

- 1.Executive Engineer,C.D.(Rural),U.P. Jal Nigam, Ayodhya
- 2.M/S PNC Infratech Limited,Barabanki

