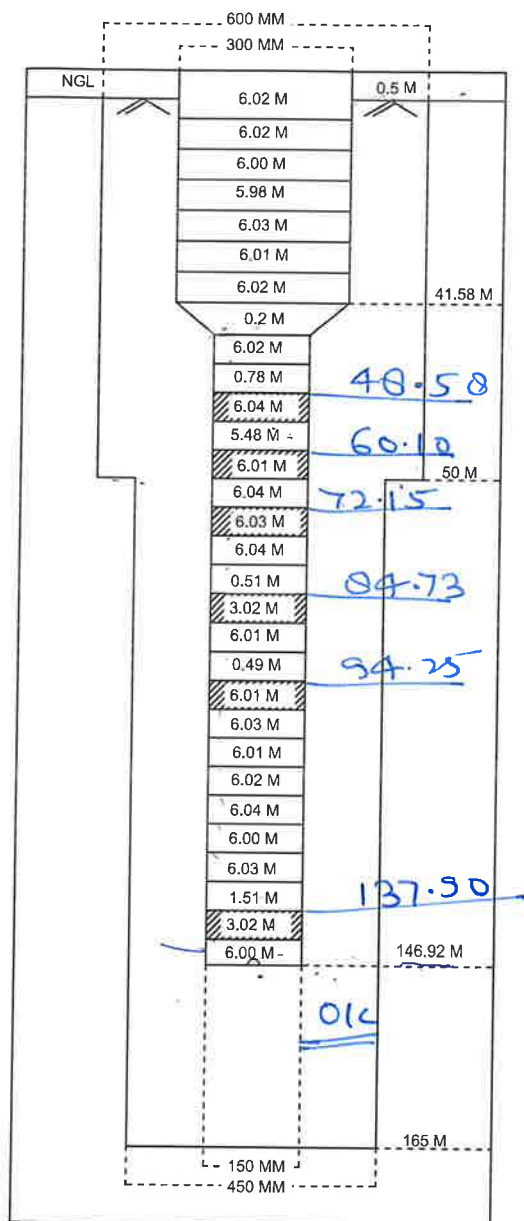


STRATA CHART & ACTUAL ASSEMBLY CHART OF TUBEWELL

NAME OF SCHEME BARABANKI WSS
NAME OF SITE BILAUDI HAZRATPUR
NAME OF COMPANY M/S SHIV DRILLERS

BLOCK
DISTRICT

FATEPUR
BARABANKI



1	BORE SIZE	600*450MM
2	ASSEMBLY SIZE	300*150 MM
3	DRILLING DEPTH	165 M
4	LOGGING DEPTH	156.16 M
5	DATE OF LOGGING	06-12-2022
6	REQUIRED DISCHARGE	890 LMP

PHYSICAL STRATA

SL.No	Depth Range (m bgl)	Inferred Lithology
1.	0-7	Top Soil
2.	7-15.5	Clay with sand
3.	15.5-23.5	Mediam to fine grain sand
4.	29-33.5	Mediam to fine grain sand
5.	48-55.5	Mediam grain sand
6.	55.5-60	Clay
7.	60-66	Mediam grain sand
8.	66-81	Mediam grain sand
9.	81-88	Mediam to fine grain sand
10.	88-94	Clay
11.	94-100	Mediam to fine grain sand
12.	106-112	Fine grain sand
13.	112-130	Clay with sand
14.	130-133	Fine grain sand
15.	136-141	Fine grain sand
16.	150-155	Fine grain sand

LOG REPORT

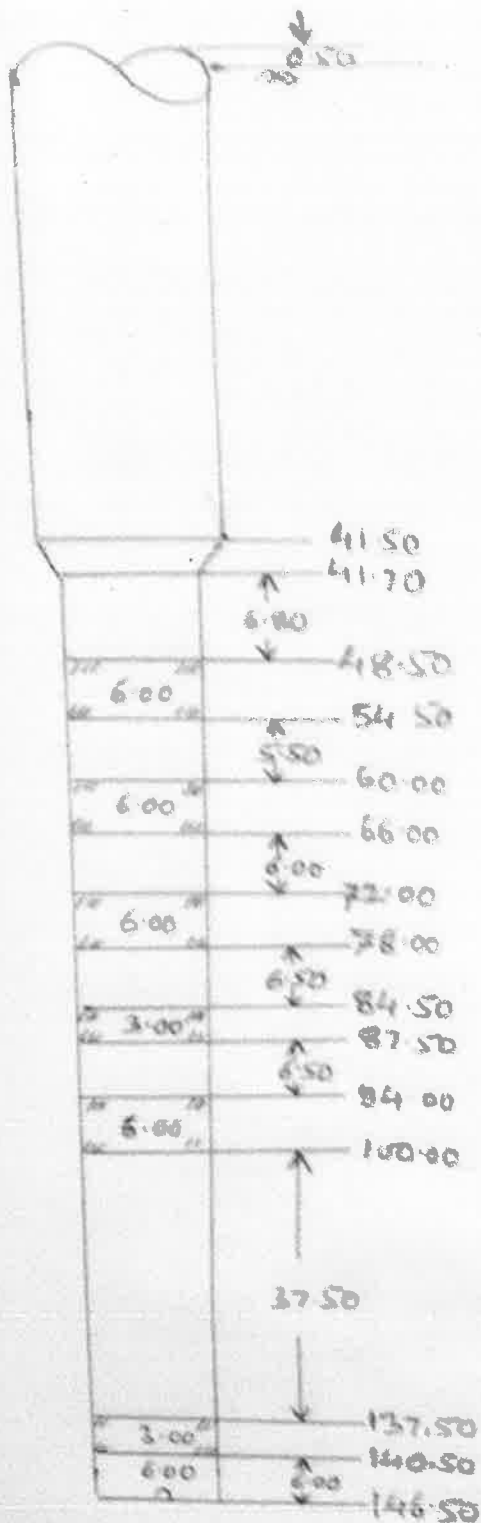
SL.No	Depth Range (m bgl)	THICKNESS(M)	Remarks
3.	15.5-23.5	8.5	Good
4.	29-33.5	4.5	Good
5.	48-55.5	7.5	Good
7.	60-66	6	Good
8.	66-81	15	Good
9.	81-88	7	Good
11.	94-100	6	Good

SR.NO	DESCRIPTION	LENGTH	REMARKS
1	300 MM PLAIN PIPE	42.08	
2	REDUCER	0.2	
3	150 MM PLAIN PIPE	81.05	
4	150 MM SLOTTED PIPE	24.09	
5	B.G.L	146.92	
6	A.G.L	0.5	
7	TOTAL LOWERING	147.42	

Prepared by M/S SHIV DRILLERS	CHECKED BY JR. ENGINEER	RECOMMENDED BY ASST. ENGINEER	APPROVED BY EXECUTIVE ENGINEER
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Proposed TW Assembly chart A. Balawali Hazratpur w/s sche
Block - Fatepur dist. Barabanki



Discharge = 890 LPM

Motor HP = 15 HP

Assembly size = 300 x 150 mm

Bore ϕ = 600 x 450 mm

Logging Report dt - 6-12-21

- 1 - 0 - 7.27 TOP Soil
- 2 - 7 - 15.5 = 8.5 clay with sand
- 3 - 15.5 - 25.5 = 10 Medium to fine sand
- 4 - 25.5 - 33.5 = 8 Medium to fine sand
- 5 - 33.5 - 48 = 14.5 Medium grains
- 6 - 48 - 55.5 = 7.5 clay
- 7 - 55.5 - 60 = 4.5 clay
- 8 - 60 - 66 = 6 Medium grain
- 9 - 66 - 70 = 4 Medium grains
- 10 - 70 - 81 = 11 Medium to fine
- 11 - 81 - 84 = 3 Medium to fine
- 12 - 84 - 98 = 14 Medium
- 13 - 98 - 106 = 8 clay
- 14 - 106 - 112 = 6 Fine grain sand
- 15 - 112 - 130 = 18 clay with sand
- 16 - 130 - 133 = 3 Fine grains
- 17 - 133 - 136 = 3 Fine grain sand
- 18 - 136 - 150 = 14 Fine grain sand
- 19 - 150 - 155 = 5 Fine grain sand

Provision of slotted pipe assembly



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	BILAUDI HAZRATPUR	DATE OF LOGGING:	06.12.2022
BLOCK:	FATEPUR	DRILLING DEPTH:	165.00M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	156.16M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.
DISTRICT:	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	7	7	Top Soil	
2	7	15.5	8.5	Clay with sand	
3	15.5	23.5	8	Mediam to fine grain sand	Good
4	29	33.5	4.5	Mediam to fine grain sand	Good
5	48	55.5	7.5	Mediam grain sand	Good
6	55.5	60	4.5	Clay	
7	60	66	6	Mediam grain sand	Good
8	66	81	15	Mediam grain sand	Good
9	81	88	7	Mediam to fine grain sand	Good
10	88	94	6	Clay	
11	94	100	6	Mediam to fine grain sand	Good
12	106	112	6	Fine grain sand	Medium
13	112	130	18	Clay with sand	
14	130	133	3	Fine grain sand	Medium
15	136	141	5	Fine grain sand	Medium
16	150	155	5	Fine grain sand	Medium

NOTE:-

1. ALL zones has intermixed with fine band of kankar
2. Other remaing formation contains fine sediment

For Mining Associates Pvt. Ltd.

Ashok Kumar
Geophysicist

- Groundwater quality interpreted by firm as per their logger calibration

Verified as per logs provided.
Note - Sr No 8-70-81(11m)
Sr No 9-84-88(4m)
G. Gh
07/12/22

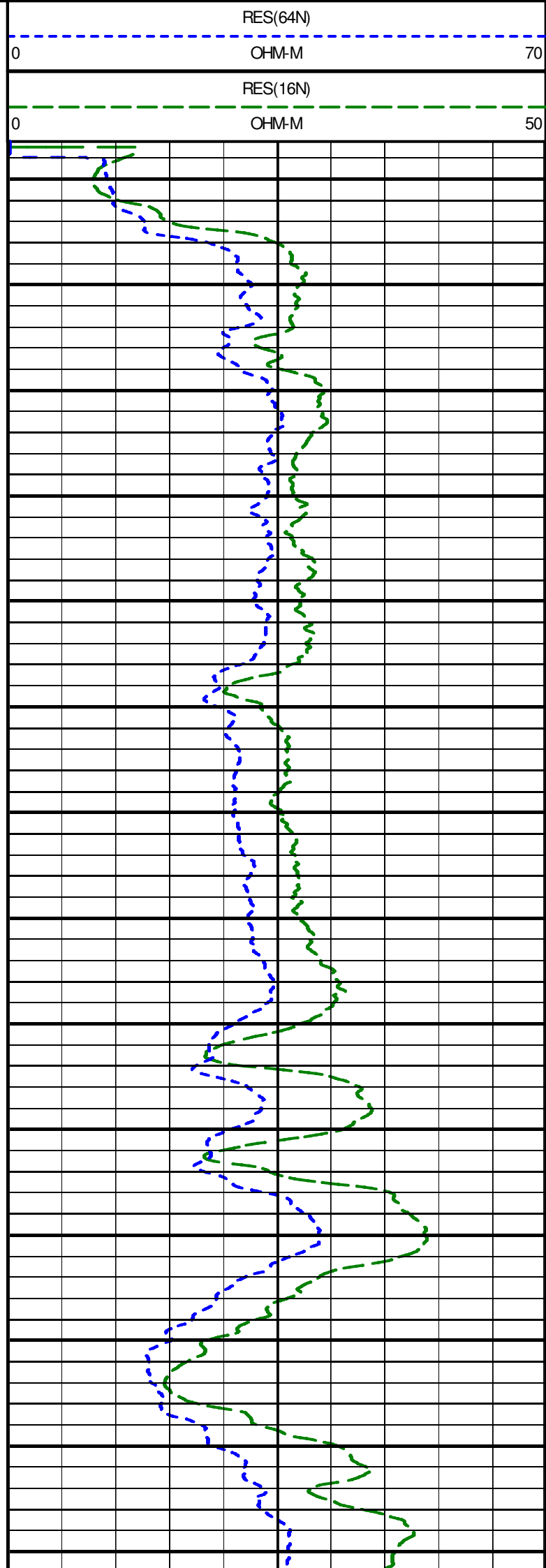
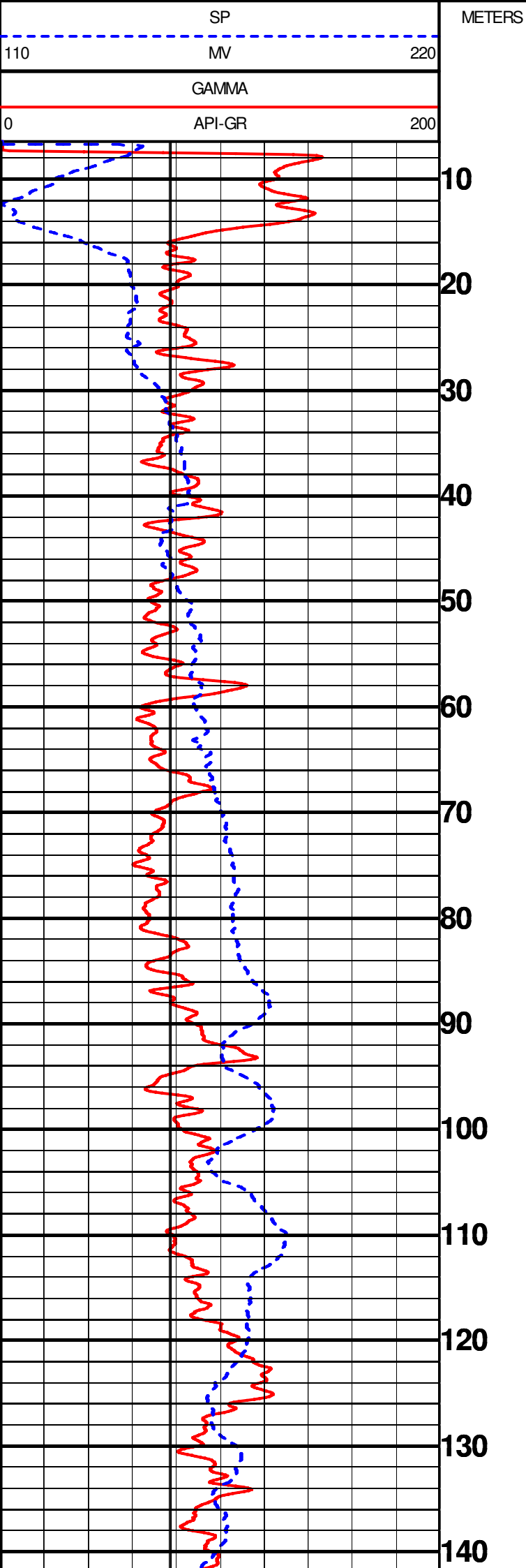


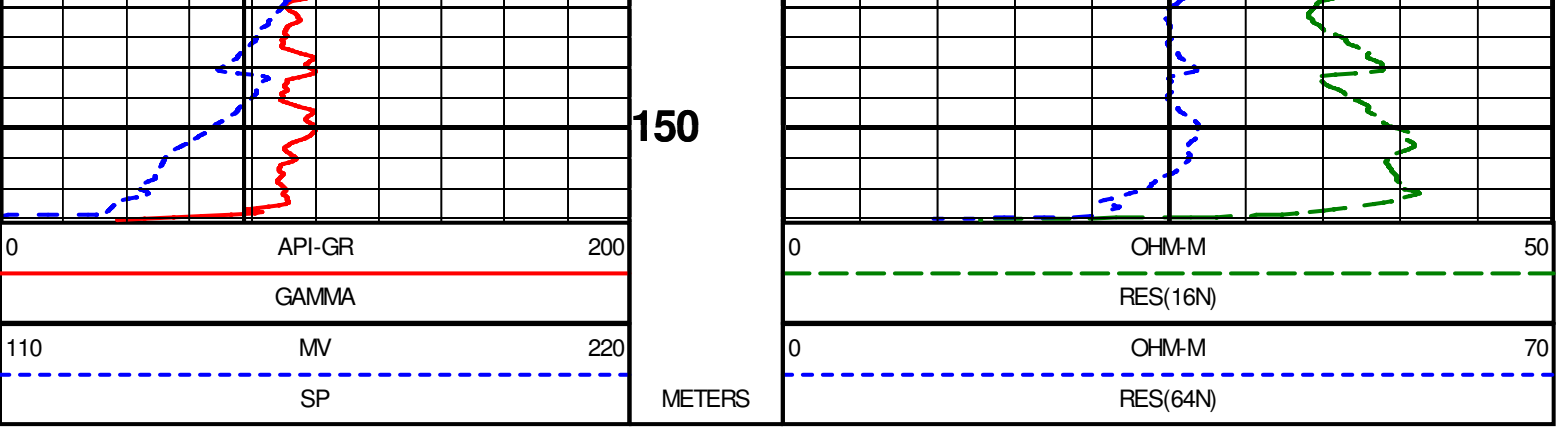
MAPL

BILAU LI HAZRATPUR

COMPANY	: SHIV DRILLERS	OTHER SERVICES:
WELL	: BILAU LI HAZRATPUR	
FIELD	: FATEPUR	
COUNTY	:	
STATE	:	
LOCATION	:	
SECTION	:	
TOWNSHIP	:	
RANGE	:	
API NO.	:	
UNIQUE WELL ID.	:	
PERMANENT DATUM	:	ELEVATION KB : ELEVATION DF : ELEVATION GL :
LOG MEASURED FROM:		
DRL MEASURED FROM:		
DATE	: 06 Dec 2	RIG NUMBER :
DEPTH DRILLER	:	LOGGER TD :
BIT SIZE	:	ARRIVAL TIME :
LOG TOP	: 6.44	DEPARTURE TIME:
LOG BOTTOM	: 156.16	CIRC STOPPED :
CASING OD	:	
CASING BOTTOM	:	
CASING TYPE	:	
BOREHOLE FLUID	:	
RM TEMPERATURE	:	
MUD RES	:	
MUD WEIGHT	:	
WITNESSED BY	:	
RECORDED BY	:	
REMARKS 1	:	
REMARKS 2	:	

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





GEOPHYSICAL DIGITAL LOGGING REPORT				
SITE:	BILAULI HAZRATPUR	DATE OF LOGGING:	06.12.2022	
BLOCK:	FATEPUR	DRILLING DEPTH:	165.00 M	
STATE:	UTTAR PRADESH	LOGGING DEPTH:	156.16M	
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.	
DISTRIC	BARABANKI			

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