

RL (m)-29

From Litholog	To Lab Ref. No.	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	CaO	MgO	Na ₂ O	K ₂ O	SO ₃	LOI
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	Soil
	Sludge
	Clay
	Laterite
	Limestone (Blendable Grade)
	Cement Grade Limestone
	Marl

[illegible]

Borehole Closed at (m)-15

Plate 8: Graphic Litholog
Area: 1387 Hectare
Villages: Jodhpur, Satapar, Navadra, Bhogat
Taluka: Kalyanpur
District: Devbhumi Dwarka
Prepared for: COMMISSIONER OF GEOLOGY & MINING
Prepared by: Vinavak Enginech Pvt Ltd.

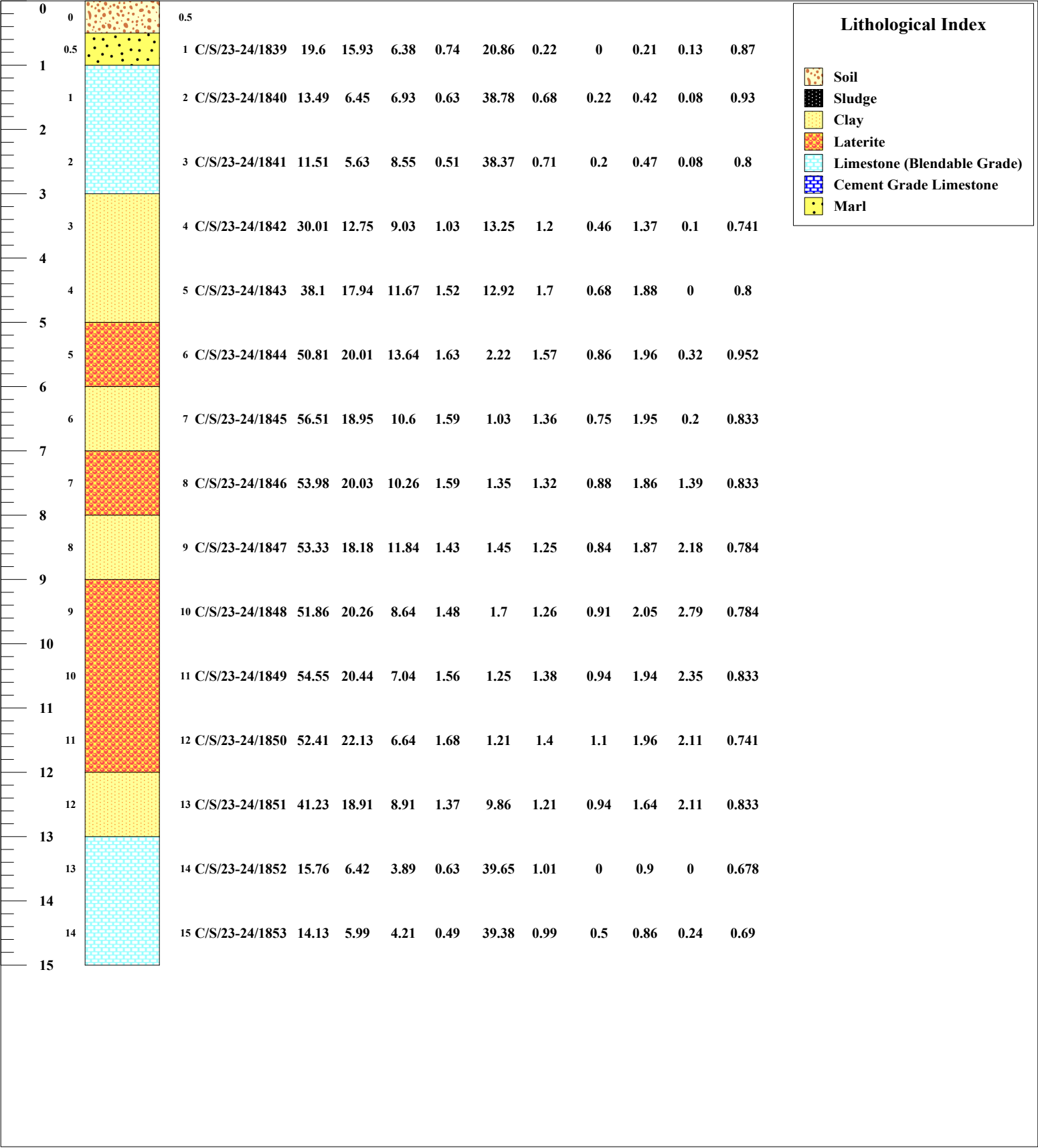
GRAPHIC LITHOLOG OF THE
JODHPUR-SATAPAR BLOCK, DEVBHUMI DWARKA

N-21°57'08.90"

E-69°17'32.90"

BH ID:JS-10

RL (m)-22



Borehole Closed at (m)-15

Plate 8: Graphic Litholog
Area: 1387 Hectare
Villages: Jodhpur, Satapar, Navadra, Bhogat
Taluka: Kalyanpur
District: Devbhumi Dwarka
Prepared for: COMMISSIONER OF GEOLOGY & MINING
Prepared by: Vinayak Engimech Pvt Ltd.

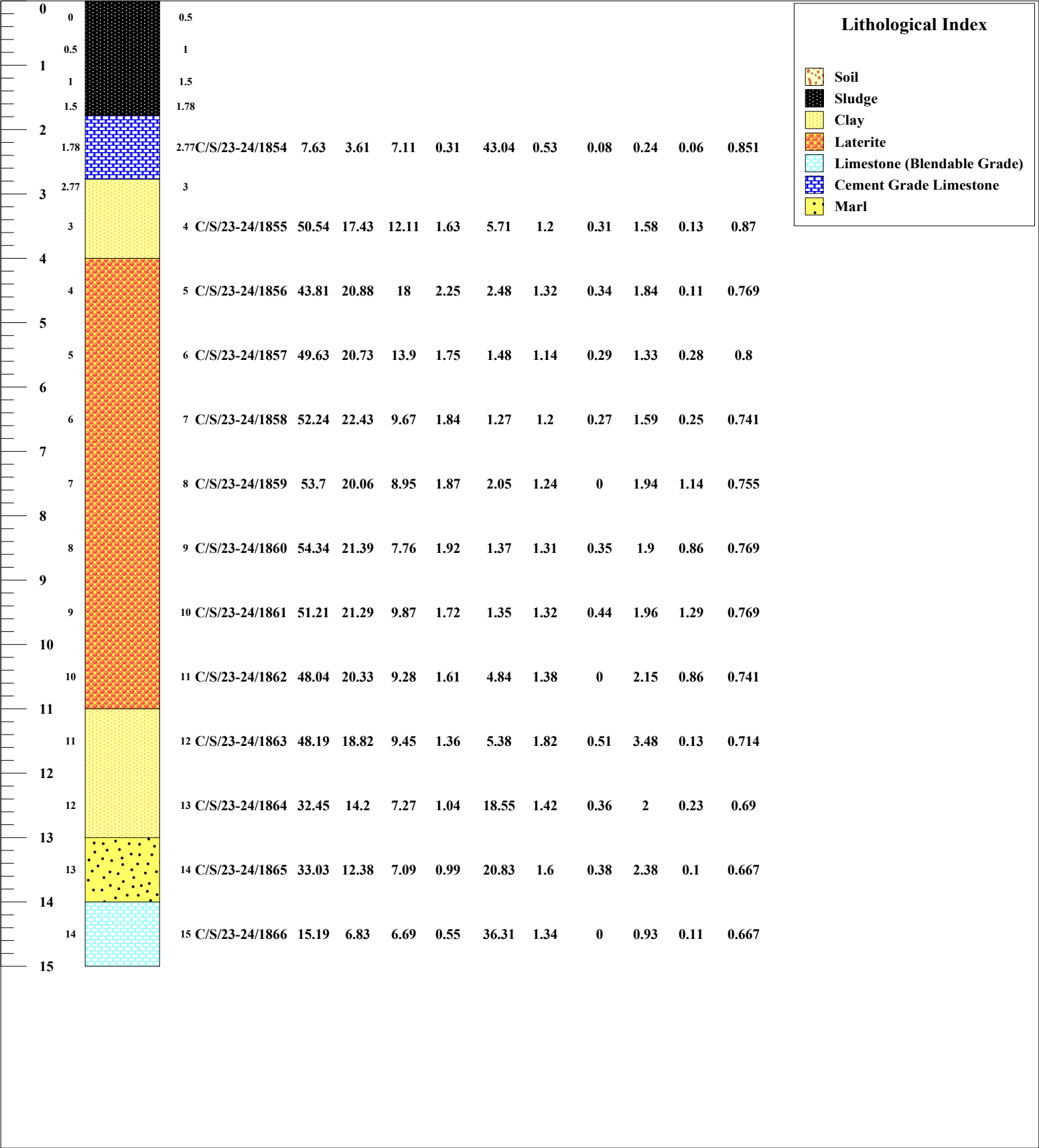
GRAPHIC LITHOLOG OF THE
JODHPUR-SATAPAR BLOCK, DEVBHUMI DWARKA

N-21°57'08.90"

E-69°18'00.80"

BH ID:JS-11

RL (m)-35



Borehole Closed at (m)-15

Plate 8: Graphic Litholog
Area: 1387 Hectare
Villages: Jodhpur, Satapar, Navadra, Bhogat
Taluka: Kalyanpur
District: Devbhumi Dwarka
Prepared for: COMMISSIONER OF GEOLOGY & MINING
Prepared by: Vinayak Engimech Pvt Ltd.

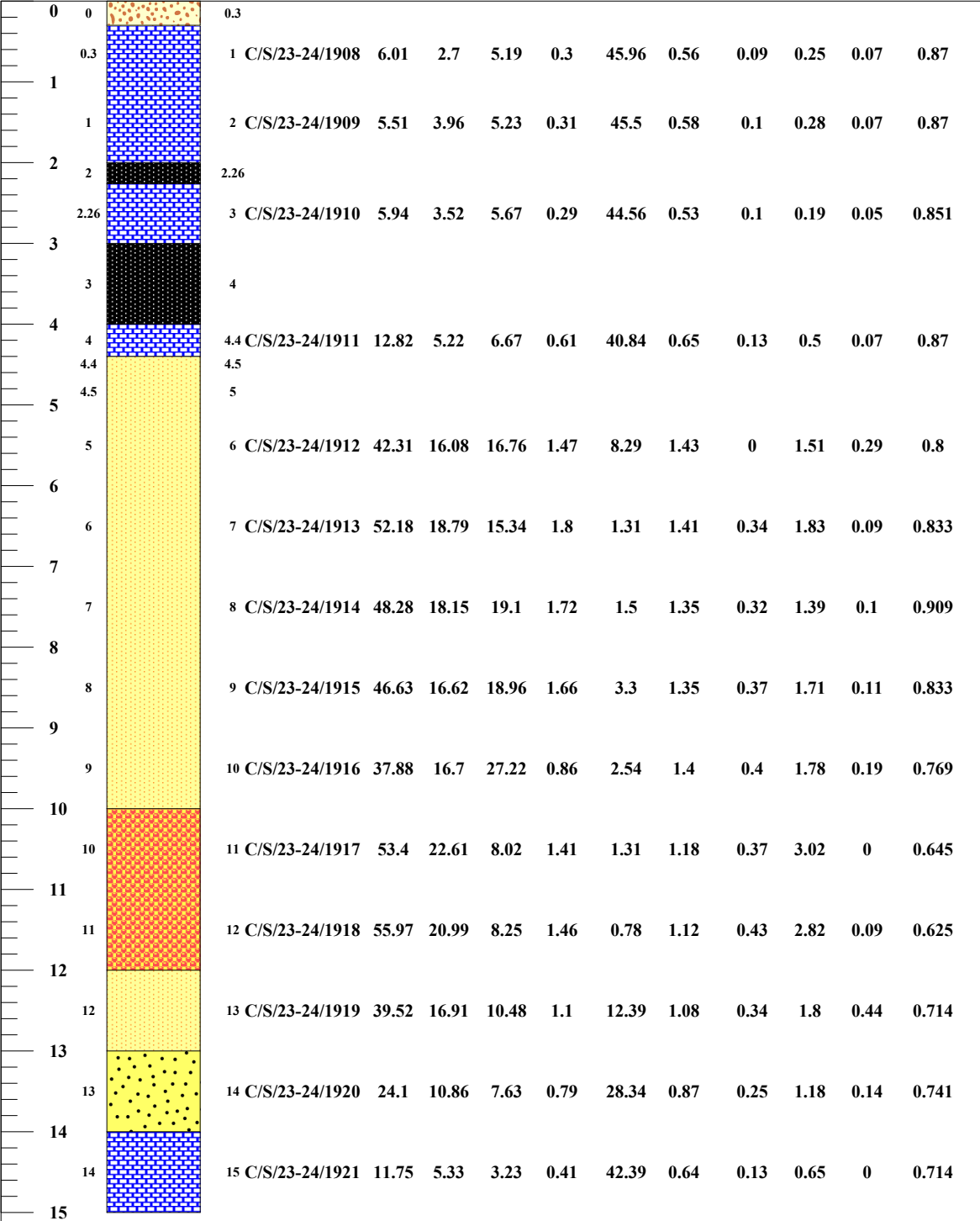
GRAPHIC LITHOLOG OF THE
JODHPUR-SATAPAR BLOCK, DEVBHUMI DWARKA

N-21°58'00.60"

E-69°16'37.50"

BH ID:JS-2

RL (m)-28



Lithological Index

Soil

Sludge

Clay

Laterite

Limestone (Blendable Grade)

Cement Grade Limestone

Marl

Borehole Closed at (m)-15

Plate 8: Graphic Litholog
Area: 1387 Hectare
Villages: Jodhpur, Satapar, Navadra, Bhogat
Taluka: Kalyanpur
District: Devbhumi Dwarka
Prepared for: COMMISSIONER OF GEOLOGY & MINING
Prepared by: Vinayak Engimech Pvt Ltd.

GRAPHIC LITHOLOG OF THE
JODHPUR-SATAPAR BLOCK, DEVBHUMI DWARKA

N-21°58'01.00"

E-69°17'05.00"

BH ID:JS-3

RL (m)-25

From	Litholog	To	Lab Ref. No.	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	CaO	MgO	Na ₂ O	K ₂ O	SO ₃	LOI
0	0	0.26											
	0.26	1	1 C/S/23-24/1867	9	4.93	5.41	0.41	40.59	0.76	0.19	0.44	0.07	0.8
1	1	2	2 C/S/23-24/1868	9.74	5.22	5.02	0.42	42.03	0.84	0.26	0.45	0.05	0.8
2	2	3	3 C/S/23-24/1869	13.5	6.16	5.85	0.57	42.14	0.89	0.31	0.6	0	0.87
3	3	4	4 C/S/23-24/1870	53.13	14.64	9.41	1.68	8.57	1.28	0.7	1.58	0.1	0.889
4	4	5	5 C/S/23-24/1871	52.6	15.57	8.75	1.61	8.53	1.36	0.88	1.65	0.12	0.909
5	5	6	6 C/S/23-24/1872	55.87	17.85	11.33	1.73	2.25	1.37	0.85	1.85	0.14	0.889
6	6	7	7 C/S/23-24/1873	56.76	18.19	10.89	1.63	2.15	1.39	0.99	1.9	0	0.909
7	7	8	8 C/S/23-24/1874	52.78	19.85	10.56	1.82	2.93	1.4	1.09	1.88	0.21	0.8
8	8	9	9 C/S/23-24/1875	55.33	20.35	9.92	1.86	1.45	1.41	1.09	1.96	0	0.833
9	9	10	10 C/S/23-24/1876	26.45	10.43	4.6	0.81	28.04	1.11	0.71	1.4	0	0.667
10	10	11	11 C/S/23-24/1877	29.03	10.85	5.57	0.82	26.23	1.4	0.73	1.65	0.15	0.69
11	11	12	12 C/S/23-24/1878	33.77	13.2	8.3	1	20.97	1.28	0.76	1.75	0.18	0.702
12	12	13	13 C/S/23-24/1879	35.79	14.38	7.35	1.05	17.57	1.26	0.8	1.96	0.28	0.678
13	13	14	14 C/S/23-24/1880	49.85	23.01	10.39	1.44	1.53	1.27	1.04	2.84	0.2	0.678
14	14	15	15 C/S/23-24/1881	50.01	24.06	9.58	1.3	1	1.2	0.94	3.09	0.19	0.727

Lithological Index

Soil

Sludge

Clay

Laterite

Limestone (Blendable Grade)

Cement Grade Limestone

Marl

Borehole Closed at (m)-15

Plate 8: Graphic Litholog
Area: 1387 Hectare
Villages: Jodhpur, Satapar, Navadra, Bhogat
Taluka: Kalyanpur
District: Devbhumi Dwarka
Prepared for: COMMISSIONER OF GEOLOGY & MINING
Prepared by: Vinayak Engimech Pvt Ltd.

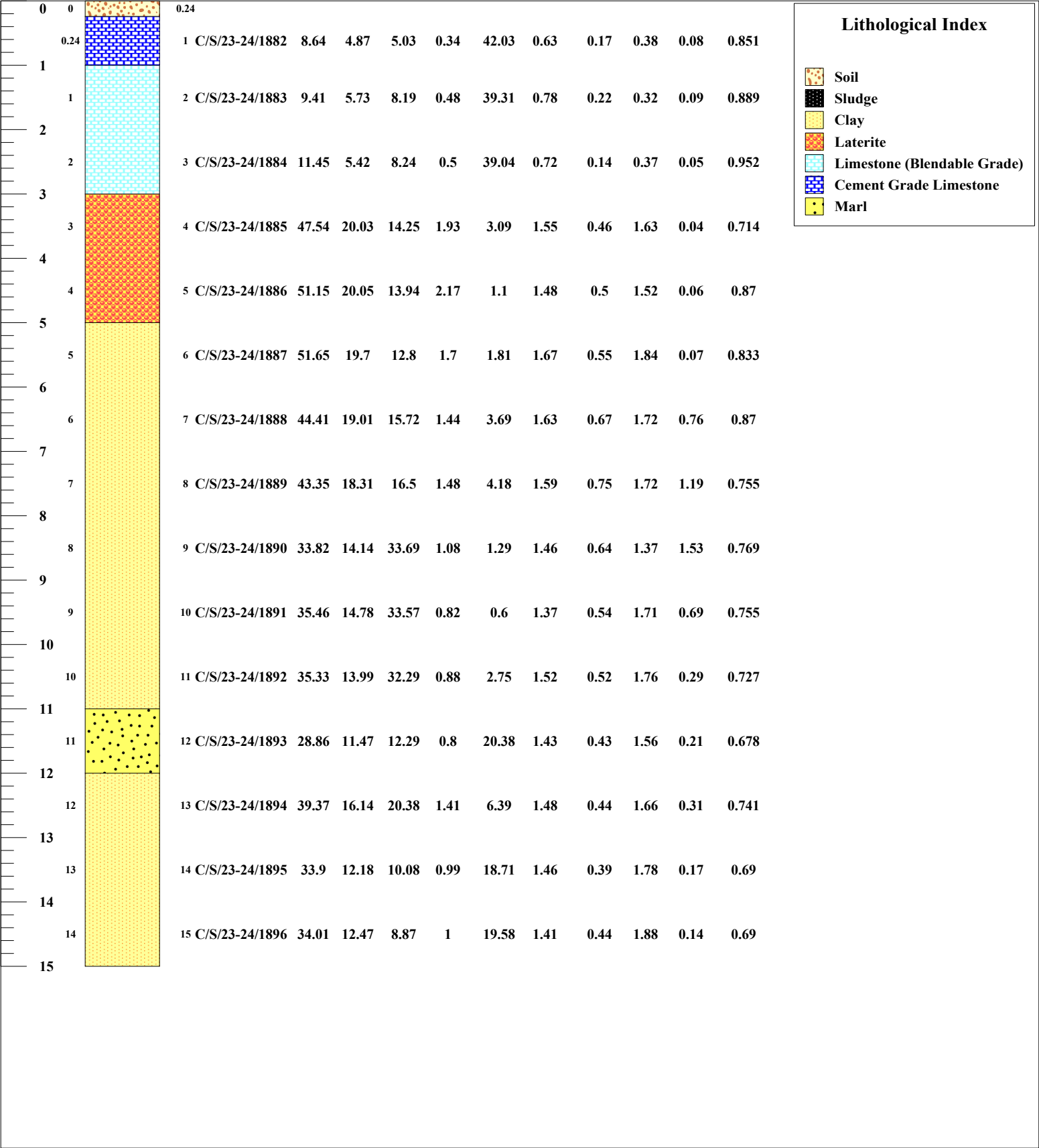
GRAPHIC LITHOLOG OF THE
JODHPUR-SATAPAR BLOCK, DEVBHUMI DWARKA

N-21°58'00.9"

E-69°17'33.10"

BH ID:JS-4

RL (m)-32



Borehole Closed at (m)-15

Plate 8: Graphic Litholog
Area: 1387 Hectare
Villages: Jodhpur, Satapar, Navadra, Bhogat
Taluka: Kalyanpur
District: Devbhumi Dwarka
Prepared for: COMMISSIONER OF GEOLOGY & MINING
Prepared by: Vinayak Engimech Pvt Ltd.

GRAPHIC LITHOLOG OF THE
JODHPUR-SATAPAR BLOCK, DEVBHUMI DWARKA

N-21°58'01.00"

E-69°18'01.00"

BH ID:JS-5

RL (m)-32

From	Litholog	To	Lab Ref. No.	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	CaO	MgO	Na ₂ O	K ₂ O	SO ₃	LOI
0	0	0.5											
1	0.5	1.25	C/S/23-24/1934	10.53	5.24	8.6	0.46	39.83	0.7	0	0.44	0.12	0.833
	1.25	2	C/S/23-24/1935	18.9	8.51	7.99	0.88	35.53	0.95	0.24	0.83	0.19	0.769
2	2	3	C/S/23-24/1936	41.86	16.72	13.99	1.62	9.44	1.43	0	1.6	0.1	0.769
3	3	4	C/S/23-24/1937	46.89	16.6	14.64	1.49	6.01	1.55	0.49	1.8	0.11	0.741
4	4	5	C/S/23-24/1938	58	17.9	10.78	1.42	1.06	1.42	0	2.04	0.1	0.816
5	5	6	C/S/23-24/1939	54.05	18.4	11.92	1.51	2.26	1.44	0.47	1.96	0	0.784
6	6	7	C/S/23-24/1940	46.76	22.55	14.11	1.84	1.04	1.53	0.55	1.99	0.38	0.727
7	7	8	C/S/23-24/1941	50.89	20.13	11.93	1.68	1.27	1.42	0.5	1.86	0.62	0.714
8	8	9	C/S/23-24/1942	50.34	20.55	12.86	1.52	1.25	1.34	0.5	1.87	0.48	0.755
9	9	10	C/S/23-24/1943	38.07	16.12	28.24	0.89	1.12	1.39	0.53	1.54	0.81	0.755
10	10	11	C/S/23-24/1944	51.29	19.89	8.94	1.23	2.34	1.28	0.48	2.54	2.92	0.714
11	11	12	C/S/23-24/1945	50.69	19.14	9.68	1.28	2.62	1.2	0.46	2.48	3.08	0.678
12	12	13	C/S/23-24/1946	55.92	20.12	8.4	1.42	1.49	1.09	0.51	2.84	0	0.656
13	13	14	C/S/23-24/1947	26.99	10.51	5.68	0.92	27.31	0.98	0.35	1.5	1.28	0.635
14	14	15	C/S/23-24/1948	23.52	9.23	4.93	0.77	31.21	0.97	0.33	1.31	1.54	0.635

Lithological Index

Soil

Sludge

Clay

Laterite

Limestone (Blendable Grade)

Cement Grade Limestone

Marl

Borehole Closed at (m)-15

Plate 8: Graphic Litholog
Area: 1387 Hectare
Villages: Jodhpur, Satapar, Navadra, Bhogat
Taluka: Kalyanpur
District: Devbhumi Dwarka
Prepared for: COMMISSIONER OF GEOLOGY & MINING
Prepared by: Vinayak Engimech Pvt Ltd.

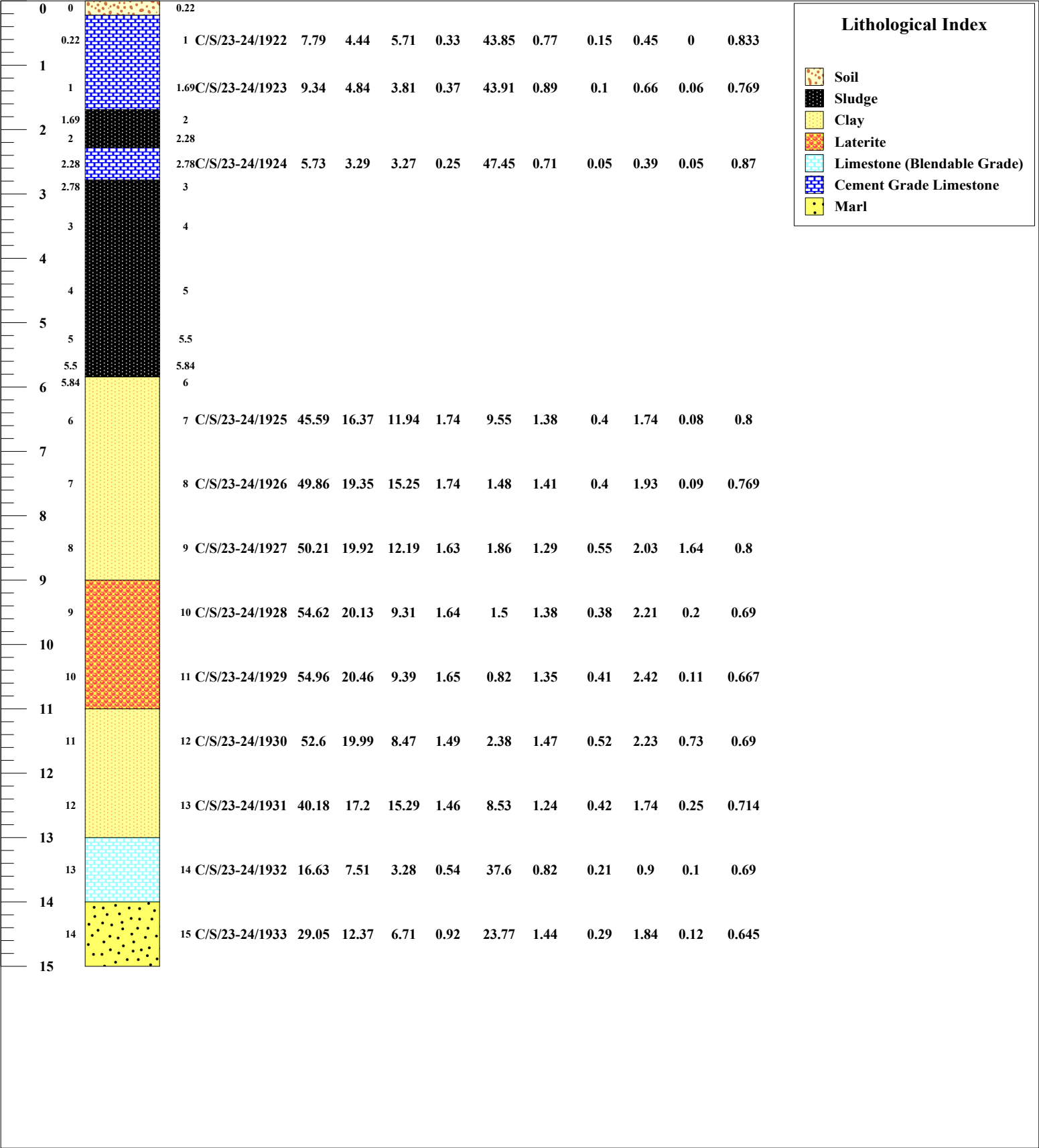
GRAPHIC LITHOLOG OF THE
JODHPUR-SATAPAR BLOCK, DEVBHUMI DWARKA

N-21°57'34.40"

E-69°16'38.50"

BH ID:JS-6

RL (m)-42



Borehole Closed at (m)-15

Plate 8: Graphic Litholog
Area: 1387 Hectare
Villages: Jodhpur, Satapar, Navadra, Bhogat
Taluka: Kalyanpur
District: Devbhumi Dwarka
Prepared for: COMMISSIONER OF GEOLOGY & MINING
Prepared by: Vinayak Engimech Pvt Ltd.

GRAPHIC LITHOLOG OF THE
JODHPUR-SATAPAR BLOCK, DEVBHUMI DWARKA

N-21°57'35.10"

E-69°17'04.90"

BH ID:JS-7

RL (m)-28

0	0	0.22	0.5											
	0.22													
	0.5	1 C/S/23-24/1964	13.37	5.79	8.23	0.54	36.67	1.43	0.29	0.68	0.12	0.8		
1	1	1.5												
	1.5	2 C/S/23-24/1965	10.76	5.24	8.86	0.41	38.46	0.78	0.17	0.41	0.07	0.833		
2	2	3 C/S/23-24/1966	54.28	17.38	11.72	1.85	2.8	1.46	0.47	1.89	0.16	0.8		
	2													
3	3	4 C/S/23-24/1967	52.58	19.38	10.65	1.84	2.41	1.41	0.5	1.91	0.19	0.8		
	3													
4	4	5 C/S/23-24/1968	51.98	19.24	12.67	1.7	1.26	1.32	0.58	1.81	0.61	0.8		
	4													
5	5	6 C/S/23-24/1969	43.85	17.48	21.8	1.41	1.32	1.34	0.59	1.53	0.57	0.784		
	5													
6	6	7 C/S/23-24/1970	49.72	21.94	12.56	1.87	1.19	1.51	0.54	2.13	0.17	0.769		
	6													
7	7	8 C/S/23-24/1971	52.69	22.61	6.74	1.32	0.82	1.15	0.54	2.88	0.33	0.667		
	7													
8	8	9 C/S/23-24/1972	52.74	21.55	9.56	1.35	1.03	1.19	0.6	2.47	0.14	0.678		
	8													
9	9	10 C/S/23-24/1973	35.81	16.39	7.64	1.06	16.12	1.36	0.51	2.25	0.13	0.656		
	9													
10	10	11 C/S/23-24/1974	50.21	21.32	11.76	1.28	1.29	1.34	0.57	2.18	0	0.678		
	10													
11	11	12 C/S/23-24/1975	44.35	19.16	7.21	1.17	9.47	1.22	0.5	2.33	0.45	0.727		
	11													
12	12	13 C/S/23-24/1976	18.99	8.81	3.29	0.57	33.45	0.99	0.62	1.03	0.16	0.678		
	12													
13	13	14 C/S/23-24/1977	22.37	9.25	6.87	0.74	28.51	2.46	0.57	1.35	0.16	0.606		
	13													
14	14	15 C/S/23-24/1978	27.51	11.49	7.99	0.92	23.1	2.4	0.58	1.72	0.15	0.606		
	14													
15	15													

Lithological Index

Soil

Sludge

Clay

Laterite

Limestone (Blendable Grade)

Cement Grade Limestone

Marl

Borehole Closed at (m)-15

Plate 8: Graphic Litholog
Area: 1387 Hectare
Villages: Jodhpur, Satapar, Navadra, Bhogat
Taluka: Kalyanpur
District: Devbhumi Dwarka
Prepared for: COMMISSIONER OF GEOLOGY & MINING
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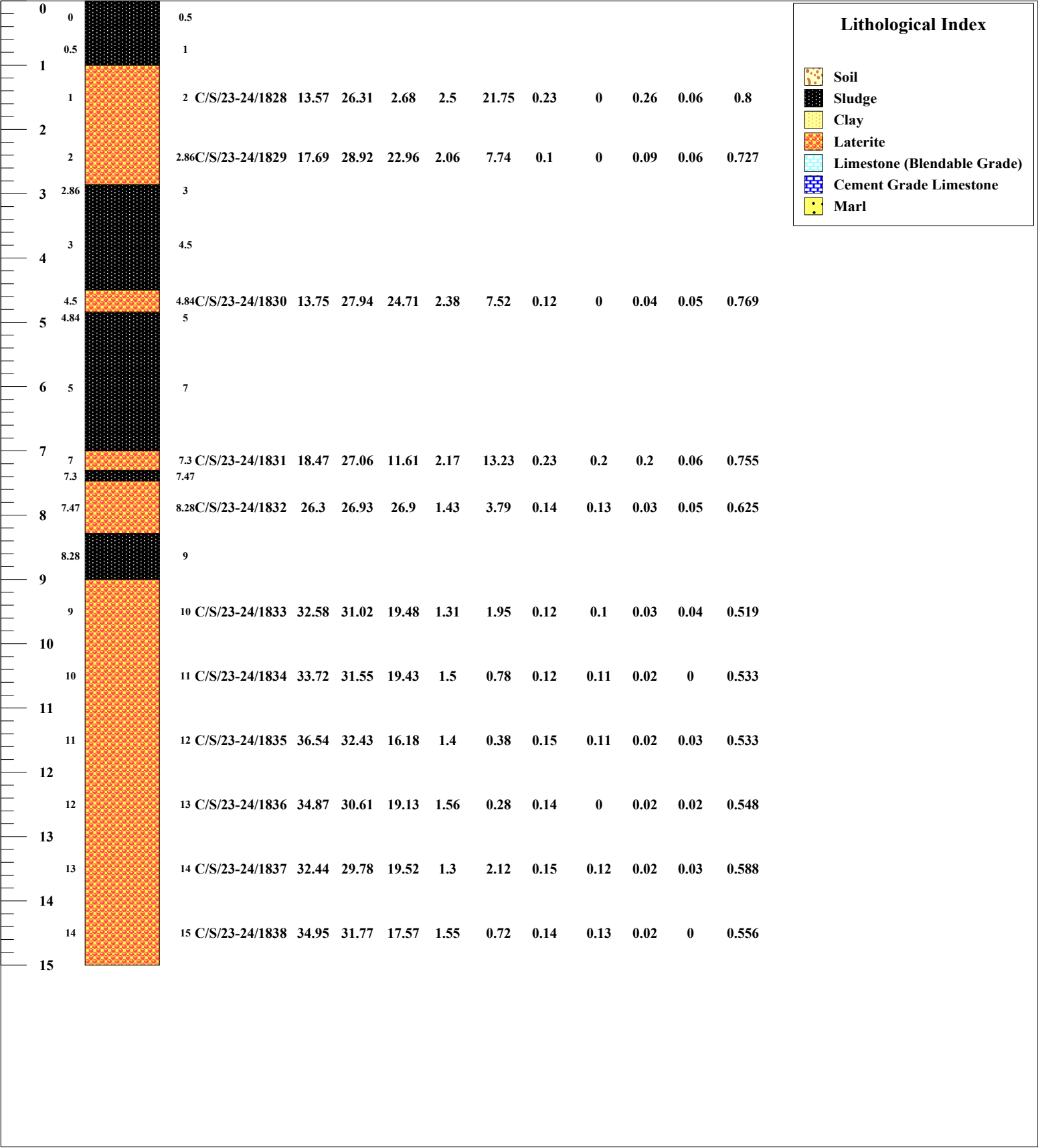
GRAPHIC LITHOLOG OF THE
JODHPUR-SATAPAR BLOCK, DEVBHUMI DWARKA

N-21°57'34.70"

E-69°17'32.20"

BH ID:JS-8

RL (m)-37



Lithological Index

Soil

Sludge

Clay

Laterite

Limestone (Blendable Grade)

Cement Grade Limestone

Marl

Borehole Closed at (m)-15

Plate 8: Graphic Litholog
Area: 1387 Hectare
Villages: Jodhpur, Satapar, Navadra, Bhogat
Taluka: Kalyanpur
District: Devbhumi Dwarka
Prepared for: COMMISSIONER OF GEOLOGY & MINING
Prepared by: Vinayak Engimech Pvt Ltd.

GRAPHIC LITHOLOG OF THE
JODHPUR-SATAPAR BLOCK, DEVBHUMI DWARKA

N-21°57'34.70"

E-69°18'01.20"

BH ID:JS-9

RL (m)-37

From	Litholog	To	Lab Ref. No.	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	TiO ₂	CaO	MgO	Na ₂ O	K ₂ O	SO ₃	LOI
0	0	0.38											
1	0.38	1.27	C/S/23-24/1949	5.17	2.35	7.49	0.26	44.89	0.51	0.12	0.2	0.14	0.909
	1.27	1.5											
2	1.5	2	C/S/23-24/1950	47.26	19	12.45	1.57	4.07	1.39	0.87	1.57	1.08	0.816
	2	3	C/S/23-24/1951	45.37	17.19	16.94	1.56	4.56	1.34	0.95	1.42	1.08	0.93
3	3	4	C/S/23-24/1952	57.97	18.86	9.68	1.45	1.22	1.3	1.02	1.78	0.4	0.952
4	4	5	C/S/23-24/1953	57.12	17.55	11.28	1.5	1.4	1.32	0.95	1.79	0	0.952
5	5	6	C/S/23-24/1954	52.42	19.49	12.36	1.75	0.91	1.4	1.1	1.86	0.44	0.87
6	6	7	C/S/23-24/1955	48.15	21.75	11.95	1.29	1.05	1.46	1.06	1.84	1.18	0.769
7	7	8	C/S/23-24/1956	48.87	20.87	10.77	1.32	0.78	1.51	1.1	2.29	1.86	0.8
8	8	9	C/S/23-24/1957	41.32	16.96	16.24	1.08	3.34	1.36	1.05	2.16	4.55	0.755
9	9	10	C/S/23-24/1958	32.94	14.71	16.47	0.84	9.48	1.35	0.99	1.93	6.25	0.702
10	10	11	C/S/23-24/1959	29.17	14.21	14.24	0.75	16.38	1.63	0.86	1.95	0.98	0.625
11	11	12	C/S/23-24/1960	37.19	14.3	8.6	1.04	15.56	1.7	0.82	2.47	0.29	0.667
12	12	13	C/S/23-24/1961	39.63	14.86	8.6	1.07	14.26	1.72	0.92	2.46	0	0.69
13	13	14	C/S/23-24/1962	40.72	14.21	7.84	1.02	14.25	1.84	0.98	2.48	0.2	0.635
14	14	15	C/S/23-24/1963	27.46	10.62	7.28	0.82	25.08	1.59	0.74	1.75	0.26	0.645

Lithological Index

Soil

Sludge

Clay

Laterite

Limestone (Blendable Grade)

Cement Grade Limestone

Marl

Borehole Closed at (m)-15

Plate 8: Graphic Litholog
Area: 1387 Hectare
Villages: Jodhpur, Satapar, Navadra, Bhogat
Taluka: Kalyanpur
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Prepared for: COMMISSIONER OF GEOLOGY & MINING
Prepared by: Vinayak Engimech Pvt Ltd.